Request for Proposals to Conduct an Investigation of an Uncontrolled Hazardous Substance Site in Maine

Introduction

The Department of Environmental Protection (DEP) is requesting proposals to perform a remedial investigation and feasibility study (RI/FS) at the Smith's Junkyard Uncontrolled Hazardous Substance Site (Site) in the town of Meddybemps and Cooper, Washington County, Maine. The focus of the investigation will be to characterize hazardous substance contaminated soil (contaminated soil), hazardous substance contaminated surface water and sediments (contaminated surface water and contaminated sediments), and hazardous substance contaminated groundwater (groundwater) at, and in the vicinity of, the Site. The selected contractor will locate sources of the hazardous substance soil contamination, characterize the hazardous substances contaminating the soil, surface water, sediments, and groundwater, determine the nature and extent of the contaminated soil surface water and sediments, and determine the nature and extent of the contaminated groundwater plume. Risk to potential human and environmental receptors will be assessed, based on the site characterization. The selected contractor will identify remedial options and then evaluate the feasibility of one or more of those options to mitigate the threats posed by contamination at the Site.

Available Information

The DEP has conducted container removal actions at the Site and has prepared a brief summary of the known facts. The summary is found as attachment A to this Request for Proposal (RFP). Further background information is available in DEP project files and on microfilm, located at the Ray Building, AMHI Complex, Augusta, Maine. File review appointments can be scheduled by calling (207) 287-7843. The USP project manager will accept questions regarding the Site by e-mail (kathy.niziolek@maine.gov) or in writing to Kathy Niziolek, Maine DEP, 17 State House Station, Augusta, Maine 04333-0017, until Thursday, July 22, 2004 at 3:00pm EST. A site walk is scheduled for 11:00 am on Monday, July 19, 2004, and a pre-bid conference is scheduled for 10:00 am on Tuesday, July 20, 2004 to address questions about the scope of work or the site. The conference will be held at the Meddybemps Community Center, Main Street, Meddybemps, Maine. To ensure fair and equitable dissemination of information, no questions will be answered prior to the pre-bid conference.

Proposal Submission Requirements

Submit sealed proposals addressed to:

Department of Administrative and Financial Services
Bureau of General Services
Division of Purchases
9 State House Station
Burton M. Cross Building, Fourth Floor
Augusta, Maine 04333-0009

Attn: Kathy Niziolek, BRWM/DR

Proposals must be endorsed "Proposal – Smith Junkyard RI/FS, To Be Opened by Division of Remediation/Uncontrolled Sites Program" must be received by **Thursday, August 5, 2004 at 2:00 pm**. A minimum of 5 (five) copies of the proposal is required.

Proposal Review and Contractor Selection

Proposal

A selection committee will review proposals. Areas within the proposal will be given the following weight:

Methodology	40%
Company Qualifications	20%
Personnel Qualifications	15%
Cost	25%

To assist reviewers in the selection process, standardized *Bid Summary Forms* (provided herein, as Attachment B) must be used. All tasks outlined in Rider A, the scope of work (SOW), must be considered; bids that do not consider all tasks will be rejected. Contractors must submit bid documents that include the following information, presented in order:

Section 1. Methodology (40%)
The contractor must review the Scope of Work (attached, see Rider A) and submit a work schedule and a narrative that describes the contractor's approach to the work tasks.

A. Methodology
1. The contractor shall submit a narrative description of the investigative approach the contractor would use to characterize the site and meet the objectives outlined in the attached SOW.

2. The contractor shall provide list of specialized personnel, equipment or techniques required to perform the investigation, along with hourly rates and lump sum costs, as applicable (use *Bid Summary Form*, Section 1A-Methodology as provided in Attachment B).

B. Schedule
1. Identify the tasks in the scope of work and provide time lines for completing them (use *Bid Summary Form*, Section 1B-Schedule as provided in Attachment B).

Evaluation of methodology/schedule will consider:
1. Cost benefit: Does the benefit of the methodology justify the cost?
2. Practicality: Is the proposed method implementable?
3. Proven Method: Is the methodology time proven? Does methodology apply innovative technology?

4. Acceptability: Has the method been previously used by the Department?
5. Schedule: Is the schedule reasonable; have all tasks been considered?

Section 2. Contractor Experience and Qualifications (20%)

A. Company Qualifications

The contractor must submit a written narrative that provides the following information in discreet sections and in the following order:

1. History of the company, description of specialty area(s)
3. Experience on similar projects
4. Other related experience (previous experience with DEP will be considered)
5. Subcontractor(s) experience
6. Description of the company Health and Safety Program
7. Statement signed by the contractor indicating that the company is aware of and understands the OSHA Hazardous Waste Operations and Emergency Response Standards; 29 CFR 1910.120 and will adhere to them.

Evaluators will consider:

1. Experience: Has the company worked on projects of similar magnitude and size?
2. Experience: Has the company performed similar work for the DEP or for parties doing work for the DEP in the past?
3. Services that the company can provide directly: What type of services does the company provide?
4. Subcontractor Services: What type of services are typically subcontracted? What subcontractors would be used for this project? Have these subcontractors previously been part of contractor's project team? If, yes, what projects?
5. Signed OSHA statement.

B. Personnel Qualifications (15%)

The contractor must provide the following information in discreet sections and in the same order:

1. A company organizational chart, as related to this project (use *Bid Summary Form,* Section 2B-Company Organizational Chart)
2. Project team organizational chart (use *Bid Summary Form,* Section 2B-Team Organizational Chart)
3. A list of project team members, a description of their roles/responsibilities, and, for each team member include the following (use *Bid Summary Form,* Section 2B-Project Team Assignments):

    a. name
    b. position
    c. assignment on the project
    d. qualifications:

1) education
2) certifications
3) training
4) experience on related projects

Evaluators will consider:

1. Individual team member's role/responsibility for this project: Is the role/responsibility commensurate with the individual's experience/education/training?
2. Team experience: Have team members worked together before? On what type of projects?
3. Experience with DEP: What DEP projects have team members worked on? Relevant DEP persons may be contacted regarding these projects.
4. Team successes: What projects have been successfully completed by this team?
5. Overall qualifications of team: Does the team have the combination of individuals that can successfully meet the objectives defined in the SOW?
6. Personnel costs: Are the hourly rates for each classification commensurate with the roles/responsibilities of the team members?

Section 3. Cost (25%)

The contractor shall submit a time and materials cost breakdown for each task identified in the Scope of Work. These costs will be the basis preparing a bid for the total project cost. This quotation will be compared to other bids received.
Evaluation of cost will consider:

1. The total bid

The contractor shall submit a bid for the total cost projected to complete tasks outlined in Rider A, Scope of Work. The bid will receive a rating based on the following formula:
(Lowest acceptable contractor bid) ÷ (Contractor under consideration bid) x 25= relative bid

Additional Information

Additional information may be submitted by the contractor. The DEP will review it at its discretion and is under no obligation to consider it.

Special Conditions

Contractor and State requirements provided here will be incorporated into any contract(s) executed as a result of this RFP. The State will reject bids from contractors unwilling to conform to the language contained in the contractor requirements and state requirements sections.

I. Contractor Requirments

These Special Conditions shall be considered when preparing a response to the RFP. They will apply to work awarded in response to this RFP.

1. The contractor shall be required to execute a State of Maine contract for remedial services. A copy is attached for information purposes (see Attachment C).

1. The DEP expects all field work related to the SOW to be performed this field season. In anticipation of this, the contractor shall be prepared to commence work within three (3) weeks of execution of the contract.

3. The contractor and its subcontractor(s) shall furnish all personnel, equipment, tools, materials and supplies necessary to perform the required tasks and projects assigned to the contractor by the Department. The contractor shall provide any necessary field analytical equipment/supplies/materials, as required to conduct the approved work plan.

4. The contractor shall be prepared to perform any or all tasks, or portions thereof, as outlined in the Scope of Work (Rider A of this RFP) as assigned by the State. The State, at its discretion, may choose to have any or all tasks, or parts thereof, performed and/or completed.

5. The contractor shall have all geological work products stamped by a Maine Certified Geologist in compliance with the Geologist and Soil scientist Certification Act of 1973.

6. The contractor shall prepare itemized invoices and submit them to the Department for payment. Daily work logs detailing costs charged by the contractor must be submitted with the invoices. The contractor shall submit invoices to the DEP for work performed on a monthly basis, unless alternate arrangements are made by the DEP Contract Administrator.

7. Task related activities may result in contact with hazardous substances (as defined by 38 M.R.S.A., section 1362). The contractor and the chosen subcontractor(s) must have experience working at hazardous substance sites. The contractor must have training and equipment to attain Level C respiratory protection should it become necessary at the site. The contractor must be familiar with and follow OSHA standards as outlined in 29 CFR part

1910 regarding on-site work at a hazardous waste site. A signed statement to this effect shall be submitted with the proposal.

8. Project assignments will be made in the form of work orders. The contractor shall prepare written work orders and have them approved by the State before initiating work on tasks. The contractor will submit estimated costs and time schedules for tasks as assigned by the DEP. DEP approval of these work orders, cost estimates and time schedules is necessary before work can start on a specific task. The project task cost estimate must, at a minimum, included;

    a. List of personnel and hourly wage rates
    b. Cost of mobilization to the site
    c. List of hourly/daily equipment rates (if applicable)
    d. Additional costs included in the budget and not addressed above.

9. The contractor must insure that no conflict of interest occurs as the result of the performance of its duties while performing assigned tasks.

II. State Requirements

1. The State shall act as the contact with town officials and the public.

2. The State reserves the right to terminate work either temporarily or permanently for just cause. Amendments to the scope of work may be made as authorized by the Contract Administrator. (Nothing in this condition supersedes Rider B, Condition 16)

3. The State shall assign tasks to the contractor. The State shall authorize all work to be performed by approving work orders, cost estimates, and time schedules prepared by the contractor.

4. The State shall pay the contractor on a time and materials basis in accordance with the rates specified in the proposal submitted by the contractor.

5. The State shall not pay surcharges in excess of 10% of subcontractor costs.

6. The State shall not be held liable for costs of additional work performed by the contractor resulting from acts of omission or error on the part of the contractor.

Method Summary Table

Task	*Personnel Assignment*	*Subcontractor Staff Assigned*	*Technique*	*Equipment*	*Materials*

Project Schedule Timeline

project task	*May*	*June*	*July*	*August*	*September*	*October*	*November*	*December*	*January*	*February*	*March*	*April*

Company Organizational Chart

Project Team Organizational Chart

Project Team Assignments

Position	*Name of Person in Position*	*Description of Duties to be Performed on this Project*	*Qualifications*

Cost Analysis - Project Preparation

Task	*Position Assigned to Task*	*Projected Hours on Task*	*Hourly Rate*	*Personnel Cost*	*Equipment Cost*	*Materials Cost*	*Subcontract Firm*	*Subcontract Cost*	*Task Cost*

Cost Analysis - Remedial Investigation

Phase/Task	*Position Assigned to Task*	*Projected Hours on Task*	*Hourly Rate*	*Personnel Cost*	*Equipment Cost*	*Materials Cost*	*Subcontract Firm*	*Subcontract Cost*	*Task Cost*

Cost Analysis - Feasibility Study

Phase/Task	*Position Assigned to Task*	*Projected Hours on Task*	*Hourly Rate*	*Personnel Cost*	*Equipment Cost*	*Materials Cost*	*Subcontract Firm*	*Subcontract Cost*

Summary of Costs - Project Bid

RI/FS Investigative Phase	***Direct Labor Cost***	***Materials Cost***	***Equipment Cost***	***Other Indirect Costs***	***Other Direct Costs***	***Subcontractor Cost***	***Subtotal***
Project Totals							

Project Bid Price:

Scope of Work
to Conduct a Remedial Investigation
At the
Smith Junkyard Uncontrolled Hazardous Substance Site
Meddybemps, Maine

Purpose

The objective of the Remedial Investigation and Feasibility Study (RI/FS) is to adequately assess conditions on four individual parcels that make up the 52 acres of active Smith Junkyard Site (Junkyard, or Site). The conditions present and the risks they pose will be the basis to identify and evaluate remedial alternatives in order to select a remedy for the site that will mitigate threats posed by the hazardous substances released to the ground, to surface water, and to groundwater at the site. The Smith Junkyard RI and FS shall be conducted in phases, each building on the data and information collected in previous phases.

Remedial Investigative phases include, but are not limited to, developing methodologies, procedures, and assessments for characterizing the source, extent and chemical attributes of contamination at the site, implementing the selected methodologies and data gathering, and interpreting and reporting the findings. In addition to describing the physical and chemical conditions at the site, the Smith Junkyard RI will assess risks posed by the site to human health and the environment in order to support the development, evaluation and selection of appropriate response alternatives.

The Smith Junkyard FS will review the applicability of various remedial technologies, including innovative technologies, to determine whether they are appropriate remedies for the site. The FS evaluates the long- and short-term effectiveness, implementability, and cost effectiveness of remedies through a detailed comparative analysis. In addition, the FS provides direction to the RI to ensure that sufficient data of the appropriate type are gathered to select a remedy based on the factors mentioned in the objectives listed above.

Section 1: Project Operations Plan

A Project Operations Plan (POP) shall be followed throughout the RI/FS activities at the Smith Junkyard Site. Before field activities commence, several site-specific plans shall be written to establish procedures to be followed by the Contractors in performing field, laboratory, and analysis work related to site activities. The overall objective of the POP is to provide MEDEP with a written understanding and commitment of how various project aspects will be managed by the Contractor. The POP is subject to DEP review and approval before the commencement of field work at the Site. MEDEP may request the Contractor modify the scope of these activities at any time during the work in response to the evaluation of results, changes in requirements, and other developments or circumstances. These site-specific plans include the:

A. Site Management Plan
B. Sampling and Analysis Plan, including the

- Field Sampling Plan
- Quality Assurance Project Plan

C. Health and Safety Plan
D. Data Management Plan
E. Community Relations Plan

A. Site Management Plan

The overall objective of the Site Management Plan is to provide DEP with a written understanding and commitment of how various project aspects such as access, security, contingency procedures, management responsibilities, waste disposal, and data handling are being managed by the Contractors. As part of the plan, the Contractors shall include, at the minimum:

1) A map and list of properties, the current property owners, and addresses of owners to whose property access my be required;

2) Measures to prevent unauthorized entry to portions of the Site undergoing active investigation, which might result in exposure of persons to potentially hazardous conditions;

3) Contingency and notification plans for potentially dangerous activities associated with the site work;

4) Non-sampling investigative plans and procedures to be used in the field, including methods for investigative soil borings and test pits, piezometer and/or monitoring well installation;

5) Provisions for handling equipment and personnel support needed for site work, including command station and telephone, and provisions for staging equipment and drums, soil, etc. as well as decontamination areas;

6) Provisions for the proper disposal of materials used and wastes generated during the site work (e.g. drill cuttings, extracted groundwater, protective clothing, disposable equipment). Waste disposal provisions shall be consistent with the offsite disposal aspects of SARA, RCRA, and applicable state laws. The DEP shall act as the generator of wastes for the purpose of regulatory or policy compliance.

B. Sampling and Analysis Plan

The purpose of the Sampling and Analysis Plan is to ensure that sampling data collection activities will be comparable to and compatible with previous data collection activities performed at the site while providing a mechanism for planning and approving field activities.

- Field Sampling Plan (FSP)

The FSP shall define in detail the sampling and data gathering methods used on this project. The FSP should be written so that a field sampling team unfamiliar with the Site would be able to gather the samples and field information required.

The SAP shall specify in the FSP provisions to notify the DEP a minimum of two (2) weeks before initiation of field sampling or monitoring activities. The FSP shall be site-specific and shall include the following information

1) Sampling objectives: Specific objectives of a sampling effort that describe the intended uses of data.

2) Sampling Location, Analytes, and Frequency: This section of the sampling plan identifies each sample matrix to be collected and the constituents to be analyzed. Tables shall be used to clearly identify the number of samples to be collected along with the appropriate number of replicates and blanks. Figures shall be included to show the locations of existing or proposed sample points.

3) Sample Designation: An easily understood sample numbering system shall be established.

4) Sampling Equipment and Procedures: Sampling procedures must be clearly written and should mirror DEP Standard Operating Procedures for sample collection, to enable the field team to gather data that meets the Data Quality Objectives. A list should include the equipment to be used and the material composition (e.g. Teflon, stainless steel) of equipment, along with decontamination procedures.

5) Sampling Handling and Analysis: A table shall be included that identifies sample preservation methods, types of sampling jars, shipping requirements, and holding times. Examples of paperwork such as chain of custody forms, packing slips and sample tags filled out for each sample as well as instructions for filling out the paperwork must be included. Field documentation methods including field notebooks and photographs shall be described.

- Quality Assurance Project Plan (QAPP)

The QAPP shall document site-specific objectives, policies, organization, functional activities, and specific quality assurance/quality control procedures designed to allow the investigative team to achieve the data quality objectives of the site work. The QAPP shall cover all environmentally related measurements.

The QAAP should provide plans and procedures for organizing, manipulating, and presenting the data generated and for verifying its quality before and during the site work. The data management system must be

compatible with hardware and software available to DEP personnel, and should be compatible with DEP data storage and analysis systems.

Laboratory analyses will be performed at an approved Laboratory facility; the QA/QC procedures for any laboratory other than the Maine Health and Environmental Testing Laboratory must be included in the QAAP.

The Contractor must keep the complete data package and make it available to DEP on request. The complete data package shall consist of all results, the raw data, and all relevant QA/QC information.

Data reports must include raw data with the associated chromatograms and the instrument printouts with area and height peak results. The peaks in all standards and samples must be labeled. The concentration of all standards analyzed with the amount injected must be included.

The QAPP shall include, at a minimum:

1) Quality assurance objectives for measurement data, in terms of precision, accuracy, completeness, representativeness, and comparability;

2) Sample custody procedures;

3) Calibration processes and frequency;

4) Laboratory and field analytical procedures, which must be EPA approved or equivalent methods;

5) Data reduction, validation, and reporting procedures;

6) Laboratory internal quality control checks and frequency; AND

7) Performance and system audits and frequency.

All project activities throughout the site work shall comply with the QAPP. All QAPP sampling objectives and procedures shall be consistent with DEP guidance, handbooks, manuals, and guidelines.

C. Health and Safety Plan

A site-specific Health and Safety Plan (HSP) shall be prepared that will establish the procedures, personnel responsibilities, and training necessary to protect the health and safety of all on-site personnel and the general public during site work. The plan shall specify employee training and protective equipment, medical surveillance requirements, standard operating procedures, and a contingency plan that conforms with 29 CFR 1910.120 (1), and (1) (2).

The site-specific health or safety requirements and procedures in the HSP shall be based on an ongoing assessmetn of Site conditions, including the most current information on each medium. For each field task planned the HSP shall identify;

1) Possible problems and hazards and their solutions;

2) Environmental surveillance measures including the monitoring of airborne contaminants released during site activities which may effect site workers and the local populations;

3) Specifications for protective clothing;

4) The appropriate level of respiratory protection, and the rationale for selecting that level;

5) Criteria, procedures and mechanisms for upgrading the level of protection and for suspending activity, if necessary, and;

6) A clear indication of the exclusion zone, contamination reduction zone, and a clean area for on-site activities.

The HSP shall be organized so that information that is repeated for the field tasks is presented in a table, to enable personnel to quickly access appropriate information for each field task, and eliminate the need to page through the text.

The HSP shall delineate exclusion area(S) on a map and describe provisions for this delineation in the filed. The HSP shall name the on-site person responsible for implementing the HSP, protective equipment, personnel decontamination procedures, and medical surveillance. OSHA standards as outlined in 29 CFR part 1920 regarding on-site work at hazardous substance sites and all applicable statutes, regulation, and guidance shall be followed and referenced.

The HSP shall contain contingency and notification plans for potentially dangerous activities associated with the site work.

D. Data Management Plan

The Contractor shall provide details on how generated data will be managed, stored and conveyed to MDEP. All analytical data must be in EDD (electronic data delivery) format.

E. Community Relations Plan

The Contractor shall provide a detailed plan for managing community relations, including community leaders, citizens, and the press. A single member of the Contractor's staff, available daily on site, should act as designated contact for Contractor related information. Additionally, the MDEP project manager shall be notified of any press contact and will be the only press contact for Department related questions or to address policy issues at site with any members of the community.

Section 2: Remedial Investigation

The remedial investigation study shall take place in four phases, numbered A-D. Phase 2A shall consist of Site Wide Groundwater Investigation and Report; Phase 2B shall consist of Source Area Soil and Groundwater Investigation and Report; Phase 2C shall consist of Human Health Risk Assessment and Report; Phase 2D shall consist of Ecological Risk Assessment and Report.

Work Plans and Reports (draft and final) shall be submitted and reviewed on a schedule mutually determined by the Contractor and the MEDEP prior to entering a contractual agreement to complete the RI/FS.

Reports for Phase, A-D, of the Remedial Investigation shall be formatted so that at the end of the work the four reports can be placed in a binder to form the Remedial Investigation Report. The Remedial Investigation Report shall contain sufficient information to support the Feasibility Study.

Subsection 2 A-D: Components of the Site Characterization

- Site Survey

The MEDEP shall create base maps containing all standard topographic, physiographic, cultural, and facility features, based on the grid system established for the cylinder removal action. It may be necessary to extend the Site map based on the results of the Site Characterization. The Site map shall encompass an area large enough to show all pathways of surface water run-off from the Site. The Site survey shall be of sufficient detail for explanations of area into which contaminants may migrate. The MEDEP shall prepare maps of smaller scale that show off-site sampling locations and the courses of contaminants. The basis of these maps shall be the U.S. Geological Survey 7.5-minute quadrangle that includes the Site.

The Contractor shall stake and appropriately label all sampling locations at the time of sampling. DEP personnel will subsequently survey the coordinates of each location using a Trimble XR-Pro GPS. The sample locations will be surveyed to sub-meter accuracy. Data downloaded from the GPS will be forwarded electronically to the Contractor. It is expected that the data would be transferred to the Contractor within one week of collection by DEP. A licensed Maine Surveyor, supplied by the Contractor, shall survey the elevation of elevation-sensitive sampling points. All elevation data collected for the site whall be tied to the nearest National Geodetic Vertical Datum benchmark.

The contractor shall submit elevation surveys of all temporary or permanent wells installed or sampled (including residential wells), and all temporary or permanent surface sampling locations (surface water and soils). Elevation survey information, including survey data and survey field team notes, shall be submitted to MEDEP in the appropriate electronic format within two weeks of collection. MEDEP shall provide to the contractor all base maps and related materials, a list of properties, current property owners, and addresses of other property owners from whom property access may be required.

A. Site Wide Groundwater Investigations

The site wide groundwater portion of the Remedial Investigation shall present the results and describe the actual procedures for the subsurface and hydrogeological investigation, including when the actual procedures differ from those in the work plan. The section shall contain all data, analyses, maps, cross sections, and charts necessary to meet the objectives for which the investigations were performed. Illustrations shall clearly identify the data points, values, and the degree of interpolation or extrapolation necessary to draw conclusions.

The Contractor shall plan, conduct, and report subsurface and hydrogeological investigations sufficient to characterize and/or describe, at a minimum, the following:

1) The nature and extent of contamination sufficiently to define the boundaries of all contaminant plumes and to quantify in three dimensions for each aquifer;

2) Subsurface stratigraphy and structure for each rock and soil type including, but not limited to, lithologies, grain sizes, sorting, fracturing, (orientation, frequency, and effects), and mineralogy;

3) The concentration, environmental fate, transport mechanisms, waste mixtures, partitioning of contaminants between groundwater and soil or rock, and other significant characteristics of each contaminant that may affect possible type of treatment;

4) Quantification of the hydrogeological factors (e.g., insitu permeability, conductivity, and storage capacity of each soil and rock type; depth of saturated zone, seasonal fluctuations in the water table, hydraulic and pressure gradients in water bearing zones);

5) contaminant concentrations;

6) Routes of groundwater migration and transport rates. Determine the locations, flow rates, contaminant concentrations, and variability for discharge to bodies of surface water;

7) The extent to which the hazardous substances will migrate once the limits of plumes are determined. Where modeling studies are involved, the parameters, assumptions, accuracy, contingencies of the studies must be explicitly stated, with a plan established to verify the modeling if a significant risk is indicated for a specific population or environment.

8) The background levels of physical and chemical parameters that may affect contaminant migration, for groundwater in both unconsolidated overburden and bedrock.

B. Source Area Soils and Source Groundwater Investigation

Results of the source determination study shall rely on maps, cross sections, Charts, tables, and computer databases. Based on the initial results, the need for further sampling will be discussed. The analysis of data shall be sufficient to map the sources, to show contaminant concentration in three dimensions, and to estimate accurately the volumes of soil, should a soil excavation and/or decontamination program be required later.

The on-site sampling work shall be sufficient to support, at a minimum, the following analyses which shall be performed by the Contractor:

1) Characterization of the vertical and horizontal extent of contamination by sampling. The extent of contamination shall be bounded by sampling points yielding non-detect or background concentrations. Analysis shall be supported by isocon maps, area calculations, and volume calculations;

2) Determination of background levels of chemicals for each soil type and stratum based on the sampling at a sufficient number of locations;

3) Fate and transport modeling to estimate soil concentration action limits based on the contamination levels that are preventive of groundwater contamination by leaching of contaminants from soil;

4) Enough data on soil characteristics to understand the requirements of on-site materials handling and pre-treatment so that complete and accurate cost estimates can be developed for the evaluation of remedial alternatives;

5) An estimate of the volumes of contaminated soil and levels of confidence for various action level soil contamination;

6) An estimate of the amount of contact of groundwater with contaminated soil;

7) An estmate in quantitative terms of the impacts on wetlands;

8) An estimate of the damage by water level changes related to Site drainage and pumping; and

9) A review of the data to determine if further sampling and analysis are needed to accomplish the goals of the investigations.

C. Surface Water and Sediments

The surface water and sediment sampling data shall be compiled and presented in the Site Characterization portion of the Remedial Investigation. This section of the report shall include, but not be limited to, tables, graphs, and charts. These illustrations shall indicate the static levels and seasonal fluctuations of water levels and the impacts of those changes on contaminant concentration and migration. At a minimum, the Contractor shall report:

1) The nature and extent of contaminants in the water and sediments of all surface drainage areas, both perennial and intermittent, potentially affected by contaminants from the Site.

2) Upgradient samples of water and sediment shall be collected and analyzed from several locations in each surface water flow path that may be affected by contaminants at the Site. The collection and analysis of the upgradient samples shall be sufficient to determine background concentrations of analytical parameters.

3) Sampling schedules shall include the monitoring of seasonal changes, including low flow periods.

D. Human Health Risk Assessment

Risk management decisions, i.e., the selection of clean up levels, will be based on the actual site risks (baseline risk assessment), established state standards, guidelines, and advisories, and site specific factors and will be made in consultation with the State of Maine.

The human health risk assessment shall be conducted in accordance with the *Guidance Manual for Human Health Risk Assessments* prepared for the State of Maine and dated June, 1994.

E. Ecological Risk Assessment

Ecological risks will be calculated based on the most recent EPA guidance and in consultation with the MEDEP. The Contractor will conduct an ecological assessment to determine the nature and extent of the effects of contamination of the ecological resources on, nearby, or otherwise influenced by the Site. A reference site may be required by MEDEP to be designated and sampled for use in determining the impact of the Site on the ecological receptors. The MEDEP may require studies of biological communities, tissue analysis for certain components, food chain modeling to quantify potential risk, or additional studies based on levels of contamination or sensitivity of potentially affected habitats identified in the Site Characterization.

Section 3: Feasibility Study

Within 60 days of submittal of the Final Remedial Investigation Report, the Contractor shall submit for review and approval a Work Plan to conduct a Feasibility Study for the Site. The study must identify the remedial alternatives for Site clean up, the basis for the selection of these alternative, and the alternative or combination of alternatives which the Contractor believe is the most appropriate for remediation of the Site. Included with the remedial alternative shall be a review of applicable technologies that address the management of groundwater flow as a measure against further contaminant migration toward surface water and private wells and reducing hazards posed by soil contamination. All alternatives must include provisions which prevent the

use of contaminated resources both on and off site. The Feasibility Study shall include, but not be limited to:

A review of the applicable remedial technologies (addressing source control, management of migration, facilities, seeps, and surface water, etc.) including innovative technologies, to determine whether they are appropriate remedies for the Site;

A threshold screening process to determine which applicable remedial technologies, alone or in combination, will in the short and long term protect public health and the environmental and comply with State standards, requirements, criteria, limitations and guidelines;

A further screening process to balance the characteristics of each applicable remedial technology or alternative identified. The screening process shall meet the standards set by the NCP (National Contingency Plan), and shall be of a quality to be acceptable to USEPA;

A determination of which remedial alternative, or combination of remedial alternative, the Contractor consider the most appropriate to meet the remedial objectives set forth herein.

ATTACHMENT A
SITE SUMMARY

SMITH'S JUNKYARD, UNCONTROLLED HAZARDOUS SUBSTANCE SITE
Meddybemps, ME

SITE DESCRIPTION

The Smith's Junkyard site includes four parcels of land located in Meddybemps and Cooper, Maine, including: the North Annex, the West Annex, the South Annex and the Homestead Property (see Figure 1).

Smith's Junkyard - South Annex is a parcel of property located on the south side of Route 191 in the Town of Meddybemps containing forty-two (42) acres, more or less. This parcel is identified as Lot 2 on Map 3 of the Town of Meddybemps property maps as well as in the warranty deed to Harry J. Smith, Jr. dated April 7, 1986, which deed is filed in the Washington County Registry of Deeds at Book 138, Page 022. The entrance to Smith's Junkyard (from Route 191) is approximately two miles southwest of the bridge over the Denny's River where the River issues from Meddybemps Lake. Smith's Junkyard includes a surplus store and office, a scrap salvage operation, a compressed gas refueling station, many railroad boxcars, trucks, trailers, drums, containers and vessels of many sizes, scrap metal, batteries and tires. Access to the Smith's Junkyard from Route 191 is restricted by the presence of railroad boxcars located along the east and north (Route 191) sides of the Smith's Junkyard, woods and Hatten Brook to the west and Dead Stream and wetlands to the south. The operational area of this property is approximately 25 acres.

Smith's Junkyard – North Annex is a parcel of property, approximately 150 acres in extent, located on the north side of Route 191 opposite Smith's Junkyard in the Town of Meddybemps. Two dirt roads provide access to the North Annex. The first entrance road is approximately 100 yards east of the main entrance to Smith's Junkyard. This parcel is identified as the property of Ms. Dawn K. Smith (daughter of Harry J. Smith, Jr.) and Harry J. Smith on Map 3, Lot 1 of the Town of Meddybemps property map, as well as in a warranty deed filed in the Washington County Registry of Deeds under Book 1743, Pages 225-227 and Book 2552 pages 348-349. On this parcel are located many trucks, trailers, drums, containers and vessels of many sizes, scrap metal, compressed gas cylinders, batteries and tires. The operational area of this parcel is approximately 20 acres.

Smith's Junkyard – West Annex is a parcel of property approximately 49 acres in extent located on the north side of Route 191 in the Town of Cooper, Maine, just west of the boundary between Cooper and Meddybemps. Access to this parcel is via a dirt road exiting to the north side of Route 191. A white mobile home marks the entrance to this access road. This property is described in a warranty deed to Gregory Smith and Dawn Smith (Harry J. Smith, Jr.'s son and daughter) as recorded in the Washington County Registry of Deeds at Book 2121, Page 152. This parcel too has scrap metal, including

white goods, railroad boxcars, trucks, trailers, compressed gas cylinders and tires. The operational area of this parcel is approximately 7 acres.

Smith's Junkyard – Homestead Property is a parcel of property including the residence of Harry J. Smith, Jr., which is located on the north side of Route 214 in the Town of Meddybemps. This parcel is identified on Map 2, Lot 7 on the Town of Meddybemps property maps, as well as in the warranty deed to Harry J. Smith, Jr. as filed in the Washington County Registry of Deeds at Book 2048, Page 138. This parcel is located approximately one mile east of the intersection of Routes 214 and 191 near the Meddybemps/Charlotte town line. The residence is a ranch style dwelling. The property also contains fields where Scottish Hyland cattle graze. At least 8 railroad boxcars visible from Route 214 are also located on this parcel. The operational area of this parcel is approximately 2 acres.

In October 2001, the MEDEP began an investigation of the Smith Junkyard Site. During this investigation of the above listed properties, hundreds of trailers and railroad boxcars were inspected for containers of petroleum products, hazardous substances and hazardous waste. It was determined from this inspection that the Site had thousands of containers of hazardous waste that were stored improperly and were either leaking or in eminent danger of leaking. MEDEP's contractor has overpacked, staged and disposed of most of these containers. The majority of the hazardous waste that came to be located at this Site consists of waste generated by the Department of Defense (DOD). Markings on containers and documents found at the Site indicate that waste at the Site is Defense Department material.

At that time MEDEP staff also noted thousands of compressed gas cylinders at the sites located on the ground, mingled in piles of scrap, half buried, in trailers and railroad boxcars. No action has been taken with regard to these cylinders to date.

The MEDEP has spent many weeks on the site in the last year and found that site conditions can change on a daily basis. One day there may be two access roads open to an area of the site and the next day there may be tractor trailers parked in the middle of one or both access roads.

HYDROGEOLOGY

The four sites reside within three watersheds: the North, South and West Annexes fall within the Dead River watershed; the North Annex is also within the Denny's River watershed; and the Homestead site is within the Meddybemps Lake watershed.

The North Annex appears to straddle a topographic divide. Groundwater beneath the southern portion of the site is likely to flow to the east toward the Denny's River. The Denny's River is a class AA river that is one of the seven rivers in the State of Maine designated for the restoration of the Atlantic Salmon. Groundwater beneath the remaining portion of the site is likely to flow to the south-southwest toward the Dead Stream. Dead Stream flows into the Denny's River approximately 1.5 miles southeast of the North and South Annex sites.

Nine shallow piezometers installed using a trailer mounted Geoprobe drilling rig were installed (GP-1 through GP-9) from north to south along the North Annex site (Figure 1). GP-9 was initially installed to serve as a background well, however based on its position within the watershed, it is probably located downgradient from the southern portion of the site. However, an elevation survey of the micro-wells was not completed; therefore, the assumed direction of groundwater flow has not been confirmed.

Groundwater is present in the overburden at all locations at the North Annex site ranging in depth from approximately 2 to 10 feet below ground surface. Groundwater beneath the South Annex site, based on watershed drainage, is likely to flow to the southeast toward the Dead Stream. Groundwater beneath the West Annex site, based on watershed drainage, is likely to flow to the south-southeast toward the Dead Stream. Groundwater beneath the Homestead site, based on watershed drainage, is likely to flow to the northwest toward Meddybemps Lake.

Portions of the North and South Annex sites are located over a mapped significant sand and gravel aquifer (MGS, 1988 and 1990). The primary axis of the sand and gravel aquifer, which yields greater than 50 gallons per minute, is predominantly trending to the northeast, following Route 191 and stopping just short of the town of Meddybemps. However, a lower yielding portion of the sand and gravel aquifer (<50 gpm) trends to the northwest, where it parallels the south side of Meddybemps Lake (Figure 2).

BEDROCK GEOLOGY

According to the report *Bedrock Geology of the Calais 15' Quadrangle, Eastern Maine* (MGS, 1990), the North and South Annexes, and the Homestead site are underlain by Devonian age Meddybemps granite. The Meddybemps granite is a light-colored, medium-grained, plutonic igneous rock that consists of roughly equal portions of quartz, potassium feldspar and plagioclase feldspar, with minor amounts of biotite. The West Annex site sits on top of a gabbro intrusive within the Meddybemps granite. The gabbro is black to salt-and-pepper colored and is comprised of the following mineral assemblages in decreasing order of occurrence: plagioclase feldspar, hornblende, augite and biotite, with minor amounts of opaque minerals.

Surficial Geology

Weathered bedrock provided much of the source of overburden material deposited by the retreat of the late Wisconsinan Laurentide ice sheet. According to the Reconnaissance Surficial Geology of the Calais Quadrangle (MGS, 1982), the North and South Annex sites are located over glacial marine deposits (Presumpscot Formation), and glacial stream deposits. It is these glacial stream deposits that are mapped as a significant sand and gravel aquifer. The Homestead site and the West Annex are mapped as being located over glacial till.

The site specific data and observation of surface materials confirmed the reconnaissance level mapping for both the surficial deposits and bedrock formation. Large boulders deposited by the retreating glacier were present at the surface across the site. Refusal depths found at GP-2/MW-2 are believed to be from large boulders present in the subsurface. The surficial and subsurface soils appear to be derived from local bedrock as the glacier advanced and retreated from the area.

References

Maine Geologic Survey. Bedrock Geology of the Calais 15' Quadrangle, Eastern Maine, Open-file No. 90-27, Ludman and Hill, 1990.

Maine Geologic Survey. Reconnaissance Surficial Geology of the Calais Quadrangle, Open-File No. 82-1, Borns and Andersen, 1982.

Maine Geologic Survey. Sand and Gravel Aquifer Map #44, 1988. Maine Geologic Survey. Sand and Gravel Aquifer Map #45, 1990.

MEDEP Harry Smith Junkyard Investigation Log Sheets

Including: North Annex, South Annex, West annex, and Homestead Properties

Week of October 15, 2001 till 12-13-01

Location			Removed or Sampled	Comment	Product	Date
AW2-	R1-	Q	NA	Tires	NA	10/17/01
BW2-	R1	Q	NA	Tires	NA	10/17/01
BW2-	1			(1) ~6000-gallon tank, sealed, contents unknown	Petroleum	10/17/01
BW2-	R2	Q	NA	Tires	NA	10/17/01
BW2-	2		R	(1) 6,000 to 8,000- gallon 4- chambered tank, full, similar to #4 fuel oil	Petroleum	10/17/01
BW2-	3		10/31/01	(1) full green 55-gallon open-top drum, sealed, leaking black substance; contained oily soil.	Petroleum	10/17/01
BW2-	4		R	(1) 6,000 to8,000-gallon 4-chambered tank, sealed, contents unknown	Petroleum	10/17/01
BW2-	5		R	4000 gallon 4 compartment tank	Petroleum	
BW2-	R3-	Q	NA	Shelving, car parts, empty tank	NA	10/17/01
BW2-	R4-	Q	NA	Tires	NA	10/17/01
BW2-	R5-	Q	NA	Tires	NA	10/17/01
BW3	T1			Trailer marked “Sears”, could not open or unlock	unknown	10/17/01
BW3	1		10/29/01	(1) full 55-gallon drum leaking oily substance, ~2’ diameter oily stain on ground; contained oil/gas mixture	Petroleum	10/17/01
BW3-	T2-	Q	NA	Orange display cases	NA	10/17/01
BW3-	2		10/29/01	(1) 55-gallon drum leaking gooey whitish stuff, into open-top green plastic-lined roll-off/vat with 2” threaded hole in bottom	Petroleum	10/17/01
BW3-	T3			Trailer full of jerry cans	Petroleum	10/17/01
BW3-	T4-	Q	NA	Empty 55-gallon drums	NA	10/17/01
BW3-	3		R	(1) partly sealed ~ 14,000-gallon (Tom Maleck suggests ~10,000-gallon 10/31/01) railroad tanker-car, (caught slight odor similar to #6 Oil) full, similar to #4 fuel oil	Petroleum	10/17/01
BW3-	T5-	Q	NA	Empty orange open-top trailer	NA	10/17/01
BW3-	4			Flat-bead trailer with electric-powered pallet jacks and cracked/leaking forklift batteries	Hazardous	10/17/01
BW3-	T6-	Q	NA	½ trailer containing a Subaru	NA	10/17/01
BW3-	5			(1) 3’ square transformer marked “No PCBs”	Hazardous	10/17/01
BW3-	6		R	(1) 2,000-gallon propane tank full of oily liquid; staining on ground	Petroleum	10/17/01
BW3-	7		R	(1) blue 5,500-gallon tanker-trailer, full of oily liquid (black)	Petroleum	10/17/01
BW3-	8		R	(1) ~6000-gallon tanker-trailer,, 2/3 full heavy oil	Petroleum	10/17/01
BW3-	9		10/30/01	(1) black plastic 5-gallon pail containing ~2 gallon of liquid; leaking black petroleum product	Unknown	10/17/01
BW3-	T7-	Q	NA	Cardboard	NA	10/17/01
BW3-	R1-	Q	NA	Tires	NA	10/17/01
BW3-	10-	Q	NA	Tires in a 40-yard roll-off	NA	10/17/01
BW3-	11-	Q	NA	Tires, windows	NA	10/17/01
CW3-	T1-	Q	NA	Tires	NA	10/17/01
CW3-	1			(1) ~5000-gallon tanker-trailer to be checked	Petroleum	10/17/01
CW3-	2			(1) ~6000-gallon large flat square steel tank/container, contents to be checked	Petroleum	10/17/01
CW3-	T1-	Q	NA	Tires	NA	10/17/01
CW3-	T2-	Q	NA	Tires	NA	10/17/01
CW3-	T3	Q	NA	Tires	NA	10/17/01
CW3-	3	(3)	R	(3) 15,000 to 30,000-gallon rail car tankers with seeping riveted seams, contents to be checked; contents removed from (1) 12000 gallon tank	unknown	10/17/01

Location			Removed or Sampled	Comment	Product	Date
CW4-	1	(7)	10/29/01	(7) rusted green 55-gallon drums laying on their side leaking oil, soil around the drums is oily, behind the drums is more oily soil and blueish soil staining; contained lube oil.	Petroleum	10/17/01
CW4-	R1-	Q	NA	Safe, rods, hose, clothing rack	NA	10/17/01
CW4-	T1-	Q	NA	Empty open top trailer	NA	10/17/01
CW4-	2			(3) 70-gallon Saddle tanks on blue "Smith" tractor/truck, containing liquid	Petroleum	10/17/01
CW4-	R2	Q	NA	Tires	NA	10/17/01
CW4-	3	Q	NA	Multiple brownish-red plastic 55-gallon drums in a turquoise compactor roll-off, unable to get into; checked 10/29/01, drums were empty.	Unknown	10/17/01
CW4-	R3	Q	NA	Tires, machinery, lockers, signs	NA	10/17/01
CW4-	T2	Q	NA	Empty open top trailer	NA	10/17/01
CW4-	4	(4)		At least (4) 55-gallon drums w/ some liquid in them, one drum marked "Georgia Pacific Woodland, 221-2 Black Ink, Associated Chemists Inc., 4401 S.E. Johnson Creek Blvd., Portland, OR 97222, 7/16/85"	NA	10/17/01
CW4-	T3	Q	NA	Empty green open top trailer	NA	10/17/01
CW4-	T4	Q	NA	Car blocking door couldn't get into; checked on 10/29/01 contained furniture	Unknown	10/17/01
CW4-	T5	Q	NA	(1) 55-gallon drum in open top trailer with wood sides; drum checked 10/29/01, it was empty.	Unknown	10/17/01
CW4-	T6	Q	NA	Tires	NA	10/17/01
CW4-	T7		10/31/01	((~12) 20-gallon drums marked "drinking water"; (10) 55 gallon drums of caustic (pH ~12) some leaking, (3) 15 gallon plastic carboys of sulfuric acid, and 1 15 gallon metal drum of sulfuric acid.	Hazardous	10/17/01
Green Truck			10/30/01	14 gallon cans of paint in the cab of a green truck located next to CW4-T7.		10/30/01
CW4-	T8	Q	NA	Chairs, file cabinets, desks	NA	10/17/01
CW4-	T9		10/29/01	(information in trailer suggests that material came from Portsmouth Naval Shipyard) (4) 55-gallon open-top drums 1-gallon paints and 1-pint part B catalysts{89 quarts part A, 89 pints part B}; (>1) pallet of boxes of 1-quart containers marked "Petrolatum, Technical, VV-P-236, Manufacture date 5/85" {526 quarts and 42 gallons}; (22) sealed green 5-gallon pails of tar-based highly penetrating resaturant for tar and gravel; (11) green 5-gallon pails of military grease; (19) severely rusted 1-gallon pails "Fire Retardant Vapor Barrier" (recovered a label from one of the containers that includes flash point and purchase order number), a 55 gallon drum of floor wax, (29) 1 gallon square cans of lube oil and a 5 gallon can of corrosion preventative.	Hazardous	10/17/01
AH3-	T1-	Q	NA	Empty 1.5" diameter ammunition shells, Tires	NA	10/15/01
AH4-	T1-	Q	NA	Clothing, miscellaneous junk, cardboard boxes one marked "personal files"	NA	10/15/01
BH1-	T1-	Q	NA	Tires and chairs	NA	10/15/01
BH1-	T2			Miscellaneous junk, and (2) chests unable to open	NA	10/15/01
BH2-	T1	Q	NA	Tarps, empty cash drawers	NA	10/15/01
BH2-	T2	Q	NA	Corrugated metal sheets	NA	10/15/01
BH3-	T1		10/24/01	(1) box marked "4.1 Flammable Solid" (flares), (~ 12) white 5-gallon pails marked "Blezona Concrete Sealer"	Hazardous	10/15/01

Location			Removed or Sampled	Comment	Product	Date
BH3-	T2		10/24/01	(60 – 100)1-gallon pails marked with the words “Hazardous Waste” on Hazardous Waste labels; & >70 5-gallon cans paints and more oils	Hazardous	10/15/01
BH4-	T1	Q	NA	Harry’s Personal Tool shop	NA	10/15/01
BH4-	T2	Q	NA	Harry’s Personal Tool shop	NA	10/15/01
CH1-	T1-	Q	NA	Military tires with rims	NA	10/15/01
CH2-	R1-	Q	NA	Tires	NA	10/15/01
CH2-	R2-	Q	NA	Bed springs, tires, (~50) Charged CO^2 fire extinguishers	NA	10/15/01
CH2-	R3-	Q	NA	Tires	NA	10/15/01
CH2-	R4-	Q	NA	(2) tires	NA	10/15/01
AS4-	T1-	Q	NA	Tires	NA	10/16/01
AS4-	R1-		10/18/01, some remains and ends need to be searched	(~24) 6-ounce glass jars marked “Rapid-TV Service Cement”, (~8) 17-ounce spray adhesives, (~7) 1-quart activator, (~12) 5-gallon pails traffic paint, (~12) 1-gallon pails of adhesives, (~24) 1-gallon pails stenciling ink marked “harmful or fatal if swallowed”, (~12) 1-quart containers of paint, some containers (of what appears to be paint) leaking (recovered shipping papers from one of the containers that includes the markings "Ship to: SX1041, FORT DEVENS, MA", "AGENT NEUTRALIZING", and a signature)	Hazardous	10/16/01
AS4-	R2-	Q	NA	Fluorescent light fixtures, chairs, miscellaneous junk	NA	10/16/01
AS4-	T2-	Q	NA	Tires	NA	10/16/01
AS4-	T3-	Q	NA	Mattresses	NA	10/16/01
AS4-	T4-	Q	NA	A scale, books, clothes, welding rods	NA	10/16/01
AS4-	R2-	Q	NA	Tires	NA	10/16/01
AS4-	R3-	Q	NA	Cylinders, motors, transmissions, miscellaneous junk	NA	10/16/01
AS4-	1			Dry-type 1 foot square Transformer	Unknown	10/16/01
AS4-	T5-	Q	NA	Tires, extinguishers, small cord/string	NA	10/16/01
AS4-	T6-	Q	NA	(6) tires	NA	10/16/01
AS4-	T7-	Q	NA	Tires	NA	10/16/01
AS4-	T8-	Q	NA	Tires	NA	10/16/01
AS4-	T9-	Q	NA	Tires	NA	10/16/01
AS4-	T10-	Q	NA	Ladders, extinguishers, hoses, miscellaneous junk	NA	10/16/01
AS4-	2	(2)	10/18/01	(2) leaking black 55-gallon closed-top drums, contents of one drum already discharged onto the ground (5’ diameter black oily stain) oil and water	Petroleum	10/16/01
AS4-	T11-	Q	NA	Welding supplies	NA	10/16/01
AS4-	T12-	Q	NA	Large oven unit and scrap metal	NA	10/16/01
BS4-	R1-	Q	NA	Tires	NA	10/16/01
BS4-	T1	Q	NA	Refrigerators/white goods	NA	10/16/01
BS4-	T2			Unable to open at this time	Unknown	10/16/01
BS4-	R2			Unable to open at this time	Unknown	10/16/01
BS4-	T3-	Q	NA	Chairs	NA	10/16/01
BS4-	T4			Unable to open at this time	Unknown	10/16/01
BS4-	T5-	Q	NA	Tires	NA	10/16/01
BS4-	T6			Unable to open at this time	Unknown	10/16/01
BS4-	1-	Q	NA	5000 gallon tanker-trailer, empty	NA	10/16/01
BS4-	2-	Q	NA	5000 gallon tanker-trailer, empty	NA	10/16/01
BS4-	7	(6)	10/18/01	(6) leaking 30-gallon drums marked Texaco oil	Petroleum	10/16/01
BS5-	T1			(1) 55-gallon riveted tank, contents unknown	Petroleum	10/16/01
CS2-	R1-	Q	NA	Tires	NA	10/16/01
CS2-	R2-	Q	NA	Tires	NA	10/16/01
CS2-	R3-	Q	NA	Tires	NA	10/16/01
CS2-	R4-	Q	NA	Tires, nuts and bolts	NA	10/16/01

Location			Removed or Sampled	Comment	Product	Date
CS2-	R5-	Q	NA	Tires, nuts and bolts, miscellaneous junk	NA	10/16/01
CS2-	R6-	Q	NA	Tires	NA	10/16/01
CS2-	R7-	Q	NA	Tires	NA	10/16/01
CS2-	R8-	Q	NA	Tires	NA	10/16/01
CS2-	R9			Unable to get open	Unknown	10/16/01
CS3-	1	(~7)		(7 to 10) 55-gallon drums of liquid, one closed-top drum is blueish-green color	Hazardous	10/16/01
CS3-	2	(2)		(2) groups of batteries on pallets (5 total pallets), stacked ~4 batteries high, some cracked/leaking (XRF = 977ppm lead in soil in front of pallets, sampled: 01E-DIN-13055 for Total Metals analysis; Brian B. = Photo #6)	Hazardous	10/18/01
CS3-	3	(2)		(2) black 5-gallon pails (one closed-top sitting on the ground containing liquid, and one open-top in an open-top 55-gallon drum containing a semi-solid tar-like substance) and a 5 gallon green can	Hazardous	10/18/01
CS3-	4	(2)		(2) pallets of batteries (Brian B.= Photo #7)	Hazardous	10/18/01
CS3-	5	(6)		(6) 55-gallon drums (one closed-top and five open-tops without lids, covered by a blue & white tarp, and leaking what appeared to be waste oil) (Brian B. = Photo #8)	Petroleum	10/18/01
CS3-	6	(4)	R	(4) 55-gallon closed-top drums (one blue), sealed, one has oil sitting on top	Petroleum	10/18/01
CS3-	7	(2)	11-16-01	(2) 55-gallon sealed bulging drums, one is marked "Chelating Agent, Pentasodium salt of Diethylenetriamine pentaacetic acid",1 oily black	Hazardous	10/18/01
CS3-	8	(7)	11-9-01	(2) rusted 55-gallon closed-top drums; (1) black 20-gallon plastic drum (beside East side of Harry's workshop door)	Unknown	10/18/01
CS3-	R1-	Q	NA	Tires	NA	10/18/01
CS3-	R2-	Q	NA	Tires	NA	10/18/01
CS3-	R3-	Q	NA	Tires	NA	10/18/01
CS3-	R4-	Q	NA	Tires	NA	10/18/01
CS3-	9			(1) white 5-gallon plastic pail containing ~4 gallons of liquid	Unknown	10/18/01
CS3-	T1-	Q	NA	Tires and a 1-inch-thick layer of Black Beauty (No elevated readings on the XRF)	NA	10/18/01
CS3-	T2-	Q	NA	Tires	NA	10/18/01
CS3-	10			(1) black metal 5-gallon can possibly containing tar	Hazardous	10/18/01
CS3-	11	(9)		(9) 4-chambered 6,000 to 8,000- gallon fuel tanks containing some sort of fuel oil (Brian B. = Photo #10 & #11)	Petroleum	10/18/01
CS5-	T1			(4) sealed 55-gallon drums (one is red, and three are blue), miscellaneous junk	Unknown	10/16/01
CS5-	T2			50-pound Bags of white crystal/flakey stuff (appears to be water soluble)	Unknown	10/16/01
CS5-	1	(2)		(2) ~5000-gallon tanker trailers leaking a tar-like material tankers empty except for tar residue	Hazardous	10/16/01
CS5-	2			(2) batteries, (~5) 1-gallon rusty paint-style cans	Hazardous	10/16/01
CS6-	1	(2)		(2) yellow 55-gallon drums, hard to get to, contents unknown	Unknown	10/16/01
CS6-	T1			(~216) containers on two pallets marked "Class C Explosive Cartridge Engine Starter, type MXU 4A/A (recovered signed statement certifying the listed items are not dangerous or hazardous, signed in 1999)	Unknown	10/18/01
CS6-	T2			Green trailer, , at least one drum	Unknown	10/18/01
CS6-	T3-	Q	NA	Chemical suits, pie cases, refrigerators, plastic drums, (1) 1" X 3" X 3" capacitor marked "NO PCBs"	NA	10/18/01

Location			Removed or Sampled	Comment	Product	Date
CS6-	T4-	Q	NA	Empty	NA	10/18/01
CS6-	2			(1) sealed, rusted, bulging 55-gallon closed-top drum containing 5 to 10 gallons of liquid beside the road	Unknown	10/18/01
CS6-	T5-	Q	NA	Pipe, water tank, tires	NA	10/18/01
CS6-	T6			(>12) ½-pint cans of rubber adhesive marked "flash point 0º F" in a 5-gallon pail; chairs, military clothing	Hazardous	10/18/01
CS6-	T7	Q	NA	Trailer marked "Mobile Oxygen/Nitrogen Generator"	NA	10/18/01
CS6-	3			(1) 3'-square, cracked/leaking, lead/acid fork truck battery	Hazardous	10/18/01
CS6-	T8-	Q	NA	Welders, electronic parts	NA	10/18/01
CS6-	T9-	Q	NA	Empty beer bottles, fans, chairs, shelving in an orange and black trailer	NA	10/18/01
CS6-	T10			Unable to open back overhead door (trailer is marked "Highway Transportation Co.")	Unknown	10/18/01
CS6-	T-11	Q	NA	Tires, cylinders	NA	10/18/01
CS6-	4			Yellow torpedo	Unknown	10/18/01
CS7-	T1-	Q	NA	(~12) boxes of copier toner cartridges (solid), tires, machinery	NA	10/18/01
CS7-	T2			(>20) square metal 1-gallon containers of Savana-brand tree-marking paint marked "contains lead" and "petroleum distillate solvent";motors, table, metal parts, shopping carts	Hazardous	10/18/01
CS7-	T3-	Q	NA	Tires, books, miscellaneous junk	NA	10/18/01
DS1-	T1-	Q	NA	Furniture, appliances	NA	10/16/01
DS1-	T2-	Q	NA	Furniture, appliances (2X5qt jugs 10W-40)	NA	10/16/01
DS1-	T3-	Q	NA	Furniture, appliances	NA	10/16/01
DS1-	T4-	Q	NA	(flatbed) Cylinders	NA	10/16/01
DS1-	T5			Propane and acetylene compressed gas cylinders; couple open-top drums	NA	10/16/01
DS1-	T6-	Q	NA	(open-top) Bailed scrap metal	NA	10/16/01
DS1-	1	(12)	S - some acetone	(12) full blue plastic 55-gallon sealed drums, no evidence of leakage noticed *yet*	Unknown	10/16/01
DS1-	2			(1) black metal 20-gallon sealed dented drum, no evidence of leakage noticed *yet*	Unknown	10/16/01
DS1-	3		11-8-01	(1) white plastic 55-gallon sealed drum inside grayish square metal cabinet/container on the North side of entranceway to South yard	Unknown	10/16/01
DS1-	4			(4) pallets containing (~ 50) lead/acid batteries, some cracked and leaking	Hazardous	10/16/01
DS1-	5	(2)		(2) open 5-gallon plastic buckets leaking oily liquid (Brian B.= Photo#5)	Petroleum	10/16/01
DS2-	R1-	Q	NA	Tires	NA	10/16/01
DS2-	1		11-7-01	(1) 55-gallon green, rusted, crumpled drum containing ~1 gallon of liquid (elevated reading on the PID)	Petroleum	10/16/01
DS2-	2			H. Smith opened container for us, he called it his “fuel hut”. (6) 5-gallon gas cans of gasoline and diesel, (1) 16-gallon container of gas or diesel, (1) 2-gallon container of gas or diesel	Unknown	10/16/01
DS2-	3			(1) sealed Yellow 85-gallon overpack drum, ½ full of liquid	Unknown	10/16/01
DS2-	4	(19)	11-7-01	(19) full 55-gallon rusted drums of what appeared to be Coal Tar, tops open, leaking badly	NA	10/16/01
DS2-	R2	Q	NA	Tires	NA	10/16/01
DS2-	R3	Q	NA	Tires	NA	10/16/01
DS2-	R4	Q	NA	Tires	NA	10/16/01
DS2-	R5	Q	NA	Tires	NA	10/16/01
DS2-	R6	Q	NA	Tires	NA	10/16/01

Location			Removed or Sampled	Comment	Product	Date
DS2-	5			(1) greenish 55-gallon rusted closed-top drum, full, did not appear to be leaking *yet* (?solid?)	Unknown	10/16/01
DS2-	R7			(1) blue metal 55-gallon drum marked "ZEP" far in back of trailer, (> 100) 1-pint containers marked "Solv-It, Extremely Flammable, Flash point –20º F, SC-846, manufactured 3/86"	Hazardous	10/16/01
DS2-	R8-	Q	NA	Office Furniture	NA	10/16/01
DS2-	R9-	Q	NA	Furniture	NA	10/16/01
DS2-	R10-	Q	NA	Nails, brads, rivets, miscellaneous junk	NA	10/16/01
DS2-	R11-	Q	NA	(½ RR car)Tires	NA	10/16/01
DS2-	6		11-6-01	Miscellaneous leaking containers, (8) sealed very rusted 1-gallon pails, (3) 5-gallon pails leaking oily substance, (1) 1-gallon leaking pail of glue, (~36) 5-gallon pails of grease (some leaking), (~12 – 15) leaking 5-gallon pails of Coal Tar, (8) rusty 1-gallon pails, (1) 1-quart container of unknown, (7) 1-pint container of unknown, (2) 5-gallon orange pails of paint	Hazardous	10/16/01
DS2-	R12-	Q	NA	Assorted metal	NA	10/18/01
DS2-	R13-	Q	NA	Assorted metal	NA	10/18/01
DS2-	R14-	Q	NA	Assorted metal	NA	10/18/01
DS3-	R1-	Q	NA	Miscellaneous junk (~6 fluorescent lamp fixtures w/lamps)	NA	10/16/01
DS3-	R2-	Q	NA	Chairs, electronics	NA	10/16/01
DS3-	R3-	Q	NA	Chairs, electronics	NA	10/16/01
DS3-	R4-	Q	NA	Tires	NA	10/16/01
DS3-	R5-	Q	NA	Tires	NA	10/16/01
DS3-	1			1 leaking drum of oily liquid material	Petroleum	10/16/01
DS3-	2			1 grey 5 gallon pail	Unknown	10/16/01
DS3-	T1-	12	10-17 & 18	Pentachlorophenol found in trailer+ 50 small paints, & 12 drums with product, & more leaked)	NA	10/17/01
DS3-	T2-	Q	NA	Tires	NA	10/18/01
DS3-	3			(1) 4'x4' fork truck battery, cracked/leaking	Hazardous	10/18/01
DS3-	4	(5)	11-6-01	(5) severely rusted, leaking, bulging 55-gallon closed-top drums containing liquid	Unknown	10/18/01
DS3-	5		11-6-01	(1) grey 55-gallon closed-top drum with an open bung on it's side and top, containing ~25 gallons (elevated reading on the PID)	Unknown	10/18/01
DS3-	T3-	Q	NA	Mostly empty, a few nuts and bolts and inner tubes	NA	10/18/01
DS3-	T4-	Q	NA	Tires, face shields	NA	10/18/01
DS3-	T5-	Q	NA	Tires	NA	10/18/01
DS3-	T6-	Q	NA	Tires	NA	10/18/01
DS3-	6	(6)	11-14-01 1MT	(1) open-top 55-gallon drum containing 1-gallon jugs of detergent; (5) closed-top, rusted, and leaking 55-gallon drums	Unknown	10/18/01
DS3-	T7-	Q	NA	Tires	NA	10/18/01
DS3-	7			(1) green rusted 55-gallon drum containing some liquid	Unknown	10/18/01
DS3-	T8		11-16-01	(1) rusted 55-gallon drum, cylinders, inner tubes	Unknown	10/18/01
DS3-	T9-	Q	NA	Tires and inner tubes	NA	10/18/01
DS4-	1			(1) 500-gallon tank containing ~3 inches of liquid with no bungs along the edge of the road, marked "Banana Oil" (pegged the PID, not banana oil)	Hazardous	10/16/01
DS4-	2		11-14-01	(1) Blue plastic 55-gallon drum with open bungs containing ~20 gallons of liquid	Unknown	10/16/01
DS4-	3		11-14-01	(1) full 55-gallon rusted open-top drum of 3 phase solid and liquid, sealed	Unknown	10/16/01

Location			Removed or Sampled	Comment	Product	Date
DS4-	4	(2)	R	(2) 6,000 to 8,000- gallon 4-compartment fuel tanks, contents unknown full, #2 fuel oil/kerosene material	Unknown	10/16/01
DS4-	5			(1) 5' X 6' square transformer	Hazardous	10/18/01
DS4	6		11-14-01	55 waste oil		
DS4	7		11-14-01	55 waste oil		
DSR	8		11-14-01	55 waste oil		
DS4	9		11-14-01	55		
DS4	10		11-14-01	55 tar like		
DS4	11		11-14-01	55 waste oil		
DS5-	1	(5)		(5) sealed ~3-gallon containers of tar (one by the edge of road, four more in crate ~10 feet from road)	Hazardous	10/16/01
DS5-	T1			(>100) 1-quart cans outboard engine/2 cycle oil and engine flush, some leaking (~100' West = 1X8k, 3X10k, 2X6-8k, 1X6k, 1X2k gallon tanks, contents unknown)	Petroleum	10/16/01
DS5-	2	(2)		(2) metal 5-gallon pails (one is full of tar), under DS5-T1	Hazardous	10/16/01
DS5-	3			(1) mostly buried 55-gallon drum, contents unknown	Unknown	10/16/01
DS5-	T2			(4) 1-quart containers of rodenticide; (>4) 1-gallon containers of "Epoxy Zinc Coating"; bags of white powder (recovered a "Technical Data Sheet" from one of the boxes of zinc-rich epoxy, including the marking "Flash Point 87º F")	Hazardous	10/18/01
DS5-	T3-	Q	NA	String, mattresses, electrical components	NA	10/18/01
DS6-	T1-	Q	NA	Biohazard head covers/masks, fans, tires and miscellaneous junk (across intersection = many empty 5-gallon pails under a flatbed trailer marked "Hazardous Waste" and "Dry Cleaning Solvent S-753, SD-II, Date Manufactured 11/80)	NA	10/16/01
DS6-	T2-	Q	NA	Tires	NA	10/18/01
DS6-	T3-	Q	NA	Miscellaneous junk (scrap metal)	NA	10/18/01
DS6-	1			(1) bulging 55-gallon closed-top drum ½ full of liquid with one bung missing		
DS6-	2			(2) green 5-gallon containers marked as lubricating oil, (1) blue 5-gallon container	Petroleum	10/18/01
DS7-	T1-	Q	NA	(2) wind-surfing boards, furniture, chain-linked fence, cabinets	NA	
DS7-	T2-	Q	NA	Empty	NA	10/18/01
DS9-	T1-	Q	NA	Empty	NA	10/18/01
ES4-	1	(14)		(14) 4-chambered 6,000-8,000-gallon fuel tanks (at least one tank contains diesel fuel or #2 oil in each compartment)	Petroleum	10/16/01
ES4-	2	(4)		(3) 5,000-gallon tanker-trailers and (1) 3,000-gallon tanker-trailer containing semi-solid Coal Tar (one tanker leaking tar)	Hazardous	10/16/01
ES4-	T1			White crystalish/flakeish substance in (~8-10) severely deteriorated bags, leaking out the back of the trailer onto the ground	Unknown	10/16/01
ES4-	3			(1) black rusted 55-gallon drum, sealed	Unknown	10/16/01
ES4-	T2			(1) ~40-gallon sealed sprayer unit, possible pesticide sprayer	Hazardous	10/16/01
ES4-	4	(3)		(3) black plastic 55 gallon closed-top drums	Unknown	10/16/01
ES4-	5			(1) ~300-gallon tank containing liquid (elevated readings on the PID)	Petroleum	10/16/01
ES4-	6		11-14-01	(1) rusted 55-gallon closed-top drum ½ full and leaking a viscous substance similar to tar	Hazardous	10/16/01
ES4-	7			(1) 500-gallon tank, contents unknown	Unknown	10/16/01
ES4-	8			(1) 1000-gallon tank (102 ppm on the PID)	Petroleum	10/16/01

Location			Removed or Sampled	Comment	Product	Date
ES4-	9	(2)		(2) 6,000 to –8,000-gallon 4-compartment fuel tanks, contents unknown	Petroleum	10/16/01
ES4-	10			(1) red 55-gallon closed-top drum, leaking, partly full	Unknown	10/16/01
ES6-	1			(1) 6,000 to 8,000- gallon 4-compartment fuel tank (T. Maleck field tested pH 3 on contents of tank on ~11/14/01) (tanker-trailer beside the tank)	Unknown	10/18/01
ES6-	T1-	Q	NA	Scrap metal (1 X 6K {PID = OK}, 3 X 3K, 2 X 40K, 3 X 6-8K, 1 X 500-gallon tanks near by)	NA	10/16/01
ES6-	T2-	Q	NA	Scrap metal	NA	10/16/01
ES7-	1		R	(1) 3' X 3' X 10' square tank containing >6 inches of petroleum (?kerosene?) (elevated readings on the PID)	Petroleum	10/18/01
ES8-	T1-	Q	NA	Oil filters, clothing, shoes, tool boxes	NA	10/18/01
ES8-	T2-	Q	NA	Empty	NA	10/18/01
FS9-	T1			(4) 55-gallon closed-top drums; (3) sealed 5-gallon containers, not leaking *yet* (two bins of zinc plates outside, beside trailer)	Unknown	10/18/01
FS9-	T2			cylinders and welding rods	Unknown	10/18/01
FS9-	T3-	Q	NA	Desks, mess trays, 10 bags of cast steel shot/grit, ammunition boxes	NA	10/18/01
FS9-	T4-	Q	NA	Chairs, desks, file cabinets, lockers, bed	NA	10/18/01
FS9-	T5-	Q	NA	File cabinets, lockers, chairs	NA	10/18/01
FS9-	1			(2) sealed black 55-gallon open-top drums marked on the lid "Steel Shot, Non-Hazardous"	Unknown	10/18/01
FS9-	T6-	Q	NA	Shelving, engine, welding rods, mattresses, junk	NA	10/18/01
FS9-	T7-	Q	NA	Tires, shelving, cabinets, ammunition boxes, scrap	NA	10/18/01
FS9-	T8-	Q	NA	Scrap	NA	10/18/01
FS9-	T9			Plastic 55-gallon open-top drums	Unknown	10/18/01
FS9-	T10-	Q	NA	Tires, cylinders (5 X 2-3K, 9 X 4-8K, 2 X 6K-gallon tanks close to trailer area)	NA	10/18/01
FS9-	2			(1) blue 55-gallon drum in a green dumpster	Unknown	10/18/01
FS9-	T11-	Q	NA	Furniture	NA	10/18/01
FS9-	T12-	Q	NA	Furniture	NA	10/18/01
AN2-	T1-	Q	NA	Scrap metal	NA	10/17/01
AN2-	T2-	Q	NA	Tires and machine parts	NA	10/17/01
AN2-	T3-	Q	NA	Chairs, tables, and metal strapping	NA	10/17/01
AN2-	1	(2)		(2) black 55-gallon open-top drums marked “Non-Hazardous Shot”, sealed	Unknown	10/17/01
AN2-	T4-	Q	NA	Empty	NA	10/17/01
AN2-	T5-	Q	NA	Empty	NA	10/17/01
AN2-	T6-	Q	NA	Chain-link fence	NA	10/17/01
BN1-	1			(1) 3' X 2'-square transformer	Hazardous	10/17/01
BN1-	2			PCB ballasts, some marked “No PCBs”	Hazardous	10/19/01
BN2-	T2-	Q	NA	Soap and mattresses	NA	10/17/01
BN2-	1		11/20/01	~10 gallons of overflowing oily water in a cut off 55-gallon drum (drip pan) sitting on a flatbed trailer	Petroleum	10/17/01
BN2-	2		11/20/01	(1) green 5-gallon pail of asphalt/plastic roof cement; 2’-diameter oil stain on the ground	Hazardous	10/17/01
BN2-	3		11/20/01	2'-square cardboard box containing paint related material containers and glazing compound	Hazardous	10/17/01
BN2-	4		11/20/01	A 5 gallon can labeled “Roofing Cement” containing ~4” of product.		
CN1-	T1-	Q	NA	(10) 50-pound bags of Sodium bicarbonate; empty fiber drums	NA	10/17/01
CN2-	1			Transformer, Non PCB	Hazardous	10/17/01

Location			Removed or Sampled	Comment	Product	Date
CN2-	2		11/20/01	(1) 12'-tall, 8'X8'-square transformer 5 gallon white and orange can	Unknown	10/17/01
CN2-	3			(1) Heated Caustic-style parts washer, full of liquid to check; checked 11/20/01, pH ~10.	Hazardous	10/17/01
CN2-	4	(3)		(3) black 55-gallon open-top drums, marked "Shot, Non Hazardous",	NA	10/17/01
CN2-	5		11-9-01	(1) full 20-gallon black poly drum, with pump	Unknown	10/17/01
CN2-	6		R	(1) 275-gallon tank laying on it's side with funnel and open bungs, ~½ full of liquid (see Mark H's Photo #9)	Petroleum	10/19/01
CN2-	7	(2)	11/20/01	Originally labeled by M. Corr as CN2-4, renumbered to CN2-7. A 15 gallon drum of detergent (Caustic) and a 5 gallon fuel can	Hazardous	
CN2-	8		11/20/01	(12) 1 gallon cans. 6 still contained paint	Hazardous	11/20/01
CN2-	T1-	Q	NA	Tires, stretchers, refrigerators	NA	10/17/01
CN2-	T2			(>25) blue plastic 55-gallon drums, contents unknown	Unknown	10/17/01
CN3-	T1-	Q	NA	Air conditioners	NA	10/17/01
CN3-	1		11/20/01	(1) full 55-gallon closed-top drum, sealed and bulging	Unknown	10/17/01
CN3-	T2-	Q	NA	Cloths, ladders, welding rods	NA	10/17/01
CN3-	T3-	Q	NA	Open-top trailer of scrap metal	NA	10/17/01
CN3-	T4-	Q	NA	Scrap metal	NA	10/17/01
CN3-	2	Q	NA	???VOID???	NA	10/17/01
CN3-	T5-	Q	NA	Metal shelving	NA	10/17/01
CN3-	T6-	Q	NA	Tires and fencing	NA	10/17/01
CN3-	3			(1) 5-gallon white plastic pail containing ~1 gallon of liquid (two {2} 275-gallon tanks near by)	Unknown	10/19/01
CN3-	4		10/24/01	(6) 5-gallon pails marked “Aliphatic polyisocyanate hexamethylene diisocyanate and acetates” road paints (see evidence bag for shipping document); (>10) 1-quart cans of polyurethane coating; (>30) 1-gallon severely rusted containers of paint-related material; (>8) 1-quart containers of paint (recovered a shipping document marked “Ship to: SX1041, DRMO, FT. DEVENS, AYER, MA)	Hazardous	10/17/01
CN3-	T7-	Q	NA	Grey open top trailer, empty	NA	10/17/01
CN3-	5			(~26) 275-gallon tanks, (1) 2,000-gallon tank, and (1) 500-gallon tank to be checked; stained oily soil around tanks	Petroleum	10/17/01
CN3-	6	(16)	11-7-01	(4) 20gallon drums of grease; (12) rusted 55-gallon closed-top drums (some open, bulging, and leaking to the ground)	Unknown	10/17/01
CN4-	T1-	Q	NA	Cellulose-type insulation		10/17/01
CN4-	1	Q	NA	(1) empty camo ~ 5,500-gallon tanker-trailer	Petroleum	10/17/01
CN4-	T2-	Q	NA	Shelving, electrical equipment, stainless food mixer, miscellaneous junk	NA	10/17/01
CN4-	T3		11/20/01	(>30) black open-top 5-gallon pails; (>30) 1-gallon pails; (1) 20-gallon drum, some military-colored containers marked “power transmission fluid”, “Lube Oil”, and “Primer for ..” something (couldn’t read the rest), miscellaneous junk	Hazardous	10/17/01
CN4-	T4-	Q	NA	Scrap metal	NA	10/17/01
CN4-	T5-	Q	NA	Tires	NA	10/17/01
CN4-	2		11/20/01	(1) full 55-gallon drum, bulging and leaking, 6’-diameter oily (?Waste Oil?) stained soil around drum	Petroleum	10/17/01
CN4-	3			Cracked/leaking lead/acid batteries	Hazardous	10/17/01
CN4-	4	(6)	NA	(6) 1,500-gallon empty green military tanker-trucks	Petroleum	10/17/01
CN4-	5	(8)		(8) 8”-tall, 6”-diameter metal objects marked “RKT MTR INERT”	Hazardous	10/17/01
CN4-	6		11/20/01	(1) full 55-gallon drum, rusted but not leaking *yet*	Petroleum	10/17/01

Location			Removed or Sampled	Comment	Product	Date
CN4-	7		11/20/01	A 55 gallon blue poly drum full of liquid, leaking	Petroleum	11/19/01
CN5-	1		R	~5000 gallon tanker, camo	Petroleum	10/17/01
CN6-	1		R	~ 5000 gallon tanker, black	Petroleum	10/17/01
CN6-	2		R	~5000 gallon tanker, camo	Petroleum	10/17/01
CN11-	T1-	Q	NA	Tires	NA	10/16/01
CN11-	1			1000-gallon tank on a flat bed trailer marked “Acetylene Generator” (bin of HID light fixtures w/bulbs in them also on trailer)	Hazardous	10/16/01
CN11-	T2-	Q	NA	Tires	NA	10/16/01
CN11-	T3-	Q	NA	Scrap metal	NA	10/16/01
CN11-	T4-	Q	NA	(40 yd roll-off)Tires	NA	10/16/01
CN11-	T5-	Q	NA	Computers / electronic equipment	NA	10/16/01
CN11-	T6-	Q	NA	Culverts, tires	NA	10/16/01
CN11-	2	(3)	11-15-01	(flat bed trailer)(2) full 55-gallon severely bulging and rusted drums, (1) empty 55-gallon drum, ten (10) foot diameter black oily stain at the end of the trailer	Petroleum	10/16/01
CN11-	3	(10)	11-15-01	(10) gray 5-gallon buckets marked “TRC Black Rubber Caulk, Part B”	Unknown	10/16/01
CN11-	T7-	Q	NA	Tires, chairs	NA	10/16/01
DN2-	1			Transformer medium size	Hazardous	10/17/01
DN3-	1			(1) 8'-tall transformer	Hazardous	10/17/01
DN3-	T1	Q	NA	Double-check; checked 11/20/01 contained tires and stretchers	NA	10/17/01
DN3-	2	(2)		(2) Torpedoes (allegedly "dummy" torpedoes)	Hazardous	10/17/01
DN3-	3	Q	NA	Grey bus full of tires	NA	10/17/01
DN4-	T1-	Q	NA	Bags of salt	NA	10/17/01
DN4-	T2			Unable to open, roll door	Unknown	10/17/01
DN5-	T1			(>4) rusted 1-gallon cans of paint/enamel rust inhibitor marked “Flash point 40º F”; industrial sewing machine	Hazardous	10/17/01
DN5-	T2-	Q	NA	Furniture	NA	10/17/01
DN5-	T3			Unable to open, roll door	Unknown	10/17/01
DN5-	T4-	Q	NA	Tires	NA	10/17/01
DN5-	R1-	Q	NA	Tires	NA	10/17/01
DN5-	1	(2)		(1) 6’-square TSI transformer, Non PCB; (1) 3’-square transformer	Hazardous	10/17/01
DN5-	2	(3)		(3) 6’-square TSI transformers marked “less than 50 ppm PCBs”; Chlor-N-Soil test and XRF scan (Mark H.'s Photo #'s 7&8) completed on 10/19/01; results of Chlor-N-Soil test suggested <50ppm PCB's (color was light purple, implying possible concentrations ~30-40 ppm PCB's), and XRF results were 100ppm lead in soil around transformers	Hazardous	10/17/01 & 10/19/01
DN5-	3	(4)		(3) 2’-square transformers; (1) 1’-square transformer	Hazardous	10/17/01
DN5-	4			(3) connected 2'-square transformers	Hazardous	10/19/01
DN6-	T1	Q	NA	mattresses, chairs, furniture	NA	10/17/01
DN10-	T1-	Q	NA	Scrap metal	NA	10/16/01
DN10-	T2-	Q	NA	Tires	NA	10/16/01
DN10-	1	(2)	11/19/01	(1) white 5-gallon pail ½ full of Transmission fluid, (1) black 5-gallon pail full (contents unknown)	Unknown	10/16/01
DN10-	2		11/20/01	(1) Blue 55-gallon open-top drum ½ full reddish liquid (lid is on, but not secured); contained a greenish soapy liquid with a floating oil layer.	Petroleum	10/16/01
DN10-	T3-	Q	NA	Tires (trailer marked “St. Johnsbury”)	NA	10/16/01
DN10-	3			Black oily stained soil (~5 foot diameter) under trailer marked “HOLMES” near T2 (6 empty 275-gallon oil tanks nearby)	Petroleum	10/16/01

Location			Removed or Sampled	Comment	Product	Date
DN10-	T4-	Q	NA	Small electrical stuff	NA	10/16/01
DN10-	T5-	Q	NA	Meal dollies, VCRs, Tires	NA	10/16/01
DN10-	T6-	Q	NA	Metal I beams	NA	10/16/01
DN10-	4			Transformer in metal case, marked “Dry type transformer” and “Hill Transformer Company, Inc. #W157272”. Metal case enclosed a large oil switch as well.	Hazardous	10/16/01
DN10-	T7-	Q	NA	Scrap metal	NA	10/16/01
DN10-	5		11/19/01	(Rusty metal bin behind DN10-T8-Q) (2) 30-gallon drums (one metal with open bungs {empty}, one plastic {15 gallon carboy of acid, pH ~1}), (10) 5-gallon pails in very poor condition (leaking) {(2) 5 gallon plastic pails containing oil/water, (2) 5 gallon metal cans containing oil/water, (2) 5 gallon cans of tar and (2) 5 gallon carboys containing acid pH~1} , (2) 1-gallon pails rusted and broken (Coal Tar or Creosote odor)	Hazardous	10/16/01
DN10-	T8-	Q	NA	Tires	NA	10/16/01
DN11-	1	(12)		(12) batteries, grouped together, in a burn pile, beside a road. Batteries are in v. poor condition (XRF soil sampling on 10/18/01: {facing the pile of batteries} road-side/in front of batteries = 441ppm lead; back-right side of batteries = 150ppm lead; front left side of batteries = 300ppm lead; left side of batteries = 115ppm lead & 315ppm arsenic; left of center of pile of batteries = 153,000ppm lead & 9,000ppm arsenic {soil/ash sampled here: 01E-DIN-13050, to be analyzed for TCLP Metals})	Hazardous	10/16/01 & 10/18/01
DN11-	2	(3)		(2) green and black and (1) blue and black 500-gallon tanks marked “Chemical tanks”	Unknown	10/16/01
DN11-	T1-	Q	NA	Tires	NA	10/16/01
DN11-	T2-	Q	NA	Boxes of boots	NA	10/16/01
DN11-	3			(1) sealed orangeish, reddish 85-gallon drum, laying on it’s side marked “2272 lbs”, sounds like contents is solid	Unknown	10/16/01
DN11-	T3-	Q	NA	Tires, Furniture, boots	NA	10/16/01
DN11-	4			Cottonish material (in old gray van)	NA	10/16/01
DN11-	5	(6)		(6) Small 2’x2’ square transformers	Hazardous	10/16/01
DN11-	6			Large Forklift battery composed of twelve (12) individual cells, some cells cracked and leaking	Hazardous	10/16/01
DN11-	T4-	Q	NA	Baby/crib parts (mattresses)	NA	10/16/01
DN11-	7			(~50 lb.) Pipe insulation possibly containing asbestos	Hazardous	10/16/01
DN11-	T5-	Q	NA	Cardboard	NA	10/16/01
DN11-	T6-	Q	NA	Scrap metal	NA	10/16/01
DN11-	T7			(~12) white 1-gallon pails of Chlorinated Alkyde Resin (flash point 23º F), (~12) 1-gallon pails of Resins, (~12) black 5-gallon pails, (>100) 1-pint “Polish, Plastic type” liquid (flash point 90º F), (at least 50) 5-gallon pails grease some containers leaking (recovered two (2) shipping labels marked "Ship to: N00129 Naval Submarine Base, New London, Groton, CT", one (1) MSDS from one of the boxes of epoxy paint including the marking "Flash point 64º F", and one (1) label from one of the epoxy paint containers including the marking "Flash point 86º F")	Hazardous	10/16/01
DN11-	T8-	Q	NA	Tires	NA	10/16/01
DN11-	T9-	Q	NA	Tires	NA	10/16/01
DN11-	8	(3)		(3) 3’X 2.5’square transformers (in a red case)	Hazardous	10/16/01
DN11-	T10-	Q	NA	(white and silver bus w/red stripe) Many CRTs	NA	10/16/01
DN11-	T11-	Q	NA	Military clothing (incl. wool sweaters), welding rods, bikes,	NA	10/16/01

Location			Removed or Sampled	Comment	Product	Date
				electronic equipment		
DN11-	T12	(4)	11-15-01 11/20/01	4 full 55s on flatbed 1 full 55 gallon drum	Petroleum	
DN11-	9			Large yellow lead/acid fork lift battery, doesn't appear to be leaking *yet*	Hazardous	10/16/01
DN11-	10	(7)	11-15-01	(7) 5-gallon pails in the back of a green Suburban (some pails observed to have dried paint drips on their sides)	Unknown	10/16/01
EN6-	1	(7)	11-7-01	(yellow 40-yard roll-off container) (>7) military green 55-gallon closed-top drums marked "Lubricating Oil, Shipboard, internal", continuously leaking, 20'-diameter stain around roll-off	Petroleum	10/17/01
EN6-	2	(34)	11-5-01	(>34) grey 5-gallon pails, full of tar paint or asphalt	Hazardous	10/17/01
EN6-	T1-	Q	NA	Open top trailer with (2) huge electric generators, miscellaneous junk	NA	10/17/01
EN6-	T2-	Q	NA	Tires	NA	10/17/01
EN6-	T3-	Q	NA	Tires	NA	10/17/01
EN6-	T4-	Q	NA	Tin cans	NA	10/17/01
EN6-	3			(1) Square white container/building, couldn't open	Unknown	10/17/01
EN6-	R1-	Q	NA	Miscellaneous junk	NA	10/17/01
EN6-	R2			(>3) 5-gallon pails of paint; (>4) 1-gallon pails (maybe paint)	Hazardous	10/17/01
EN6-	R3			(8) 5-gallon pails of rubber caulking adhesive	Unknown	10/17/01
EN6-	R4-	Q	NA	Infant pressure gates, wooden furniture	NA	10/17/01
EN6-	R5			(>320) 1-gallon pails of paint related material; (>20) 1-pint cans of epoxy cement; (>50) 1-pint containers of epoxy resins; (>50) 16-ounce aerosol cans marked "dimethyl silicone"; (Brian B. = Photo #1 & 2 on 10/18/01) Lots of miscellaneous chemicals, paints, epoxy, adhesive, etc.	Hazardous	10/17/01
EN6-	T5-	Q	NA	Tires	NA	10/17/01
EN6-	4	(8)	NA	(1) blue 55-gallon closed-top drum, upside down with holes in the sides; (7) sealed green 20-gallon open-top drums, rusted and bulging, not leaking *yet*; checked 11/21/01 contained nails and break drums.	Unknown	10/18/01
EN6-	5	(4)		(4) 5-gallon green pails, three of which are sealed, bulging, severely rusted	Unknown	10/18/01
EN7-	1		11-15-01	(1) 55-gallon closed-top drum, severely rusted, bulging, containing ~1 gallon of liquid	Unknown	10/17/01
EN7-	T1		R	(2) 40-cu.ft. boxes of 1-gallon paint cans and 1-pint containers of Industrial cement/glue	Hazardous	10/17/01
EN7-	T2-	Q	NA	File cabinets	NA	10/17/01
EN7-	2			(1) silver 6,000-gallon tanker-trailer marked "Massachusetts Turnpike" with a garden hose hooked to the manhole, needs to be checked	Petroleum	10/17/01
EN7-	3		R	Green tanker, needs to be checked	Petroleum	10/17/01
EN7-	4			(~400) blue plastic 55-gallon closed-top drums marked "GAP-60, Aluminum Zirconium Hydroxychloride, lot #7795C043, 50% aqueous solution", some have liquid in them to be checked (found {1} empty plastic 85-gallon overpack drum with a Hazardous Waste label marked "Revere Smelting & Refining Corp., 65 Ballard Rd., Middletown NY, EPA ID# NYD030485288" near pile of blue plastic drums)	Unknown	10/17/01
EN7-	T3-	Q	NA	Valves, chairs, clothes	NA	10/17/01
EN7-	5	(6)		(>6) lead/acid batteries, cracked and leaking	Hazardous	10/17/01
EN7-	6	(10)		(6) metal 55-gallon closed-top drums; (4) plastic 55-gallon	Unknown	10/17/01

Location			Removed or Sampled	Comment	Product	Date
				closed-top drums, some sealed, some bulging and leaking		
EN7	6 lost		11-15-01	about 100 gallon saddle tank; look of diesel, odor of gas, weeping		
EN7-	T4-	Q	NA	Motors, shelving, fans, miscellaneous junk (five {5} CRTs outside)	NA	10/17/01
EN7-	T5-	Q	NA	Welding rods, furniture	NA	10/17/01
EN7-	7	(2)	11-7-01	(2) 5'-tall, 2'-diameter transformers, leaking oil, marked "USN Property"; Clor-N-Soil test completed on 10/19/01, results suggest <50ppm PCBs (light purple color implies ~20-30 ppm), see Mark H's Photo #10	Hazardous	10/17/01 & 10/19/01
EN7-	T6-	Q	NA	Furniture	NA	10/17/01
EN7-	T7			(open-top rusted trailer) (1) ~4,000-gallon tank with an open valve at the bottom of one end, leaking something	Unknown	10/17/01
EN7-	8			(1) 3'-square transformer	Hazardous	10/17/01
EN7-	9			(~30) 4'X8' sheets of Transite/asbestos board	Hazardous	10/19/01
EN8-	1			(1) ~6,000-gallon tanker-trailer, sealed, needs to be checked	Unknown	10/17/01
EN8-	T1			(>8) 55-gallon drums, contents to be checked	Unknown	10/17/01
EN8-	2	(3)	11/21/01	(2) rusted leaking 55-gallon (one closed-top and one open-top) drums containing ~5 gallons of liquid; (1) very rusted, full 55-gallon closed-top drum; stained oily soil; two were empty, one apparently contained floor wax.	Unknown	10/17/01
EN8-	T2			Small trailer, unable to open	Unknown	10/17/01
EN8-	T3-	Q	NA	Miscellaneous junk	NA	10/17/01
EN8-	3			(1) 1000-gallon stainless insulated tank, contents unknown, no reading on the PID, marked "DO NOT SCRATCH OR DENT"	Unknown	10/17/01
EN9-	1	(30)	11-13-01	(30) 55-gallon drums, oily, leaking, stained soil (?W. Oil?)	Petroleum	10/15/01
EN9-	2	(8)		(6) Capacitors, (2) transformers	Hazardous	10/15/01
EN9-	3	(2)	S	(2) 55-gallon drums, "lead coated cable"	Hazardous	10/15/01
EN9-	4	(23)		(23) metal (with 5-inches of cement lining the inside walls) 55-gallon drums marked "not for storage" and "shipment of moisture laden material"; checked 11/19/01 most contained some liquid pH ranged 8-14.	Unknown	10/15/01
EN9-	T1-	Q	NA	Miscellaneous junk, bed frames, metal chairs, chest freezers	NA	10/15/01
EN9-	5-	Q	NA	(school bus) Skis	NA	10/15/01
EN9-	T2			Locked, unable to open; checked 11/20/01 contained ~(20) 55 gallon drums of waste oil and hundreds of 15 lb cans of calcium carbide.	Hazardous	10/15/01
EN9-	T3-	Q	NA	Tires with rims	NA	10/15/01
EN9-	T4-	Q	NA	Hollow metal 4x4's	NA	10/15/01
EN9-	T5-	Q	NA	Tires and cylinders	NA	10/15/01
EN9-	T6-	Q	NA	(open-top) Tires and sections of 4' diameter metal ducts	NA	10/15/01
EN9-	T7-	Q	NA	Miscellaneous junk, military clothing	NA	10/15/01
EN9-	T8-	Q	NA	Tires, "hydro drive", and junk	NA	10/15/01
EN10-	T1-	Q	NA	Shelving	NA	10/18/01
EN10-	T2-	Q	NA	Mostly empty	NA	10/18/01
EN10-	1		11-9-01	(1) full 55-gallon drum, (2) almost empty 55-gallon drum, ground around drums has oily stain.	Petroleum	10/18/01
EN11-	1			Green square container with stain on bottom	Unknown	10/15/01
EN11-	2			Sand blast grit hopper containing ~100P Black Beauty	Hazardous	10/15/01
EN11-	3			Sand blast grit hopper containing ~100P Black Beauty	Hazardous	10/15/01
EN11-	4		NA	(1) 55-gallon drum in green dumpster (next to the dead animal); checked 11/21/01, drum was empty.	Unknown	10/15/01
EN11-	5		NA	Orange vat "corrosive caustic soda", used to be heated dip tank (didn't open); checked 11/21/01 full of water pH	Hazardous	10/15/01

Location			Removed or Sampled	Comment	Product	Date
				neutral.		
EN11-	T1-	Q	NA	Tires	NA	10/15/01
EN11-	T2-	Q	NA	Tires, chairs	NA	10/15/01
EN11-	T3-	Q	NA	Chairs, file cabinets, junk	NA	10/15/01
EN12-	T1			5 rows of compressed gas cylinders (~175 cylinders); Mercaptan odor	NA	10/15/01
EN12-	1	(2)		(2) 55-gallon drums “lead coated cable for D.R.M.O.”, one labeled 560P, the other labeled 390P	Hazardous	10/15/01
EN12-	2	(2)	11-16-01	(2) 55-gallon drums “hydraulic oil”, 1 red, 1 white, both full	Petroleum	10/15/01
EN12-	3			Transformer	Hazardous	10/15/01
EN12-	4			A pallet of ~48 batteries, some are cracked and leaking	Hazardous	10/15/01
EN12	4 oops			55 oiled sorbents		
EN12	5			55 oiled sorbents		
EN12	6			overflowing cut 275 tar like and hardened		
EN12-	T2-	Q	NA	mattresses, tires, scrap metal	NA	10/15/01
EN13-	T1			(~300)Capacitors, possibly PCB	Hazardous	10/15/01
FN7-	1		11-15-01	(1) sealed 20-gallon black plastic drum containing ~5 gallons of liquid	Unknown	10/17/01
FN7-	R1-	Q	NA	Gates	NA	10/17/01
FN7-	T1-	Q	NA	Metal shelving	NA	10/17/01
FN7-	T2-	Q	NA	Tires	NA	10/17/01
FN7-	T3-	Q	NA	Tires	NA	10/17/01
FN7-	T4-	Q	NA	Tires	NA	10/17/01
FN7-	T5-	Q	NA	Miscellaneous junk (orange trailer)	NA	10/17/01
FN7-	T6			Lots of containers, leaking “Hazardous Waste”, photo chemically reactive, oils, water reactive, grease, paint (recovered a label of one of the containers marked with flash point 90º F, mfg date 4/86, and reinspection date 4/87)	Hazardous	10/17/01
FN7-	T7-	Q	NA	Cardboard boxes and metal parts	NA	10/17/01
FN7-	T8-	Q	NA	Tires	NA	10/17/01
FN7-	2		11/20/01	(White hut) (>10) 1-quart plastic bags containing green liquid marked "Tire Life Casing Protection, some leaking (Brian B. = Photo #3)	NA	10/18/01
FN7-	3			Appears to be a Bomb casing?	Hazardous	10/18/01
FN7-	4	(2)	11/21/01	(flatbed trailer) (2) 55-gallon drums, one drum is black, severely rusted, bulging and contains 1 gallon of liquid, one drum appears to contain a solid; only found 1 drum with product.	Unknown	10/18/01
FN7-	5	(5)		(flat bed trailer) (5) 2'-tall and 1'-square fork truck batteries, cracker/leaking	Hazardous	10/18/01
FN7-	T9-	Q	NA	Acetylene cylinders	NA	10/18/01
FN8-	T1			(>200) square lantern batteries; (>30) square green 1-gallon cans; (>3) gray 5-gallon pails; discharges noted inside trailer, bad/acrid odor	Hazardous	10/17/01
FN8-	T2-	Q	NA	Miscellaneous junk	NA	10/17/01
FN8-	T3		S 10-19-01	(5) 20-gallon sealed containers; (5) 5-gallon pails of cleaning compound; (5) 55-gallon closed-top drums of paint-related material; (>72) 2-quart containers of corrosion inhibitor; (1) 5-gallon container of Trichlorotrifluoroethane; 1’-square container of Germicidal detergent; (>18) 1-gallon containers marked “coating compound”; acetone	Hazardous	10/17/01
FN8-	1	(4)	R	(4) 1-gallon containers marked “AB Dick Spirit Process”	Hazardous	10/17/01

Location			Removed or Sampled	Comment	Product	Date
				containing 50% Methanol, on edge of road, leaking		
FN8-	2	(2)	11/21/01	(2) sealed, bulging 55-gallon closed-top drums containing liquid, leaking; 1 drum was empty the other contained a	Unknown	10/17/01
FN8-	T4			(1) 55-gallon drum of ?motor oil; (8) ½-gallon plastic jugs, contents unknown	Petroleum	10/17/01
FN8-	T5-	Q	NA	Tires	NA	10/17/01
FN8-	T6-	Q	NA	Tires	NA	10/17/01
FN8-	3	(2)		(2) 2'-square transformers	Hazardous	10/18/01
FN8-	4		11/21/01	(1) Black 55-gallon closed-top drum, ½ full of liquid, one open bung, rusted, not leaking *yet;* ½ full drum appeared to be water (left onsite) the other drum was removed.	Unknown	10/18/01
FN8-	5			(1) 3'-square transformer, oily staining on soil and weeping along bottom of transformer	Hazardous	10/18/01
FN9-	T1		10-18-01	"Hazardous Waste", paint related material. 9-10 instruments in boxes possibly contain PCB capacitors and remain in the trailer.	Hazardous	10/15/01
FN9-	T2		10-18-01	"Hazardous Waste", paint related material	Hazardous	10/15/01
FN9-	T3-	Q	NA	Locked (10/15/01) Tools, welding equipment	NA	10/15/01 & 10/16/01
FN9-	T4-			(1) 55-gallon drum marked "antifreeze" containing ~10 gallons, leaking	Unknown	10/15/01
FN9-	T5-	Q	NA	Mattresses	NA	10/15/01
FN9-	T6		S have PCBs	(at least 8) 55-gallon drums (1 drum elevated reading on PID), one drum marked "Chelating Agent, Pentasodium Salt of Diethylenetriaminepentaacetic acid"	Unknown	10/15/01
FN9-	T7-	Q	NA	Chairs, filing cabinets, etc.	NA	10/15/01
FN9-	T8		10/24/01	(84) 1 – gallon paint cans, (18) 5 – gallon paint cans, (10) 1 – gallon containers of RCM door cleaner, (1) ½ - gallon citrikleen	Hazardous	10/15/01
FN9-	T9-	Q	NA	Tires, transmission, HID lamp, miscellaneous junk	NA	10/15/01
FN9-	T10-	Q	NA	Wood/furniture	NA	10/15/01
FN9-	T11		10/26/01	(4) 1-gallon pails of paint, (~21) 12-ounce aerosol paint cans{petroleum distillate, pints}, Strong odor (?paint), 2 tubes silicone, 1 quart joint compound and 2 quarts of paint.	Hazardous	10/15/01
FN9-	T12			5-gallon pails, lots of clothing to dig out	Unknown	10/15/01
FN9-	T13		10/26/01	25 1 pint petroleum distillate aerosols, 1 gallon ammonia based cleaner, 1 gallon anti freeze, 18 gallon Paint containers, "CRC Heavy Soft Seal"(in a wooden cabinet), 7 quart containers paint, 4 gallons paint thinner, 3 quarts oil, 6 gallons petroleum distillates, 2 quarts glazing compound, 1 quart acetone, ½ pint adhesive, 2 quarts paint thinner, 1 gallon methanol based reducer, 1 quart petroleum distillates, 5 gallon paint thinner, and 1 quart methanol {(1) full 55-gallon drum??}	Hazardous	10/15/01
FN9-	T14		10-18-01, 11-7-01	At least seventy (70) 1-gallon enamel paint cans (some leaking), compressed gas cylinders	Hazardous	10/15/01
FN9-	T15-	Q	NA	Shelving, chairs, electric motors, extinguishers	NA	10/15/01 & 10/18/01
FN9-	T16-	Q	NA	Welding rods, clothes	NA	10/15/01
FN9-	T17-	Q	NA	Chairs, welding rods, furniture	NA	10/15/01
FN9-	T18			(1) Sealed Cartridge/canister for a military Oxygen Breathing Apparatus, clothing	Hazardous	10/15/01
FN9-	T19-	Q	NA	Office materials	NA	10/15/01

Location	Removed or Sampled	Comment	Product	Date
FN9- T-20	10-26-01	18 5-gallon pails of chlorinated alkyd resin (paint, ID # 8010-00-577-4736), 53 pints aerosol paint cans, petroleum distillates and 4 (1) gallon containers general purpose paint.	Hazardous	10/15/01
FN9- T21	10/26/01	6 pint petroleum distillate spray cans, (2) 5-gallon pails containing liquid cleaner, {(1) battery (1) 1-gallon Clorox container??} 7 (2.5 gallon containers waste anti-freeze.	Hazardous	10/15/01
FN9- T22- Q	NA	Miscellaneous junk, clothes, desks	NA	10/15/01
FN9- T23- Q	NA	furniture, extinguishers, miscellaneous junk	NA	10/15/01
FN9- T24- Q	NA	White goods, miscellaneous junk	NA	10/15/01
FN9- T25- Q	NA	Desks, military strapping	NA	10/15/01 & 10/16/01
FN9- T26	10-18-01	(>200) 5-gallon pails of paint related materials	Hazardous	10/15/01
FN9- T27- Q	NA	Clothing, file cabinets, miscellaneous junk	NA	10/15/01
FN9- T28- Q	NA	Sleds, furniture, miscellaneous junk	NA	10/15/01
FN9- T29- Q	NA	Electric motors	NA	10/15/01
FN9- T30	10/26/01	24 quarts hydraulic fluid, 4 pints “Rubatex, Extremely Flammable”, 7 quarts lacquer acrylic, 2 quarts “Surf-Kote”, 4 quarts “GGP” oil, 2 quarts lube oil, 16 gallons lube oil, 1 quart general purpose paint, 1 gallon general purpose paint and 1 container non-hazardous surfactant.	Hazardous	10/15/01
FN9- T31	10/26/01	97 gallons paint (epoxy-polyamide), 1 gallon general purpose paint, 12 (5) gallon paint, 14 (8oz) silicone tubes, 2 containers toluene Di-isocyanate w/ petroleum distillates, 24 quarts hydraulic fluids, 5 gallon paint thinner, 5 (8oz) tubes grease, 2 (2oz) adhesive accelerant, 1 box used batteries, 62 petroleum distillate aerosols.	Hazardous	10/15/01
FN9- T32	10-26-01	61 pint cans spray paint- petroleum distillate, 8 (5) gallons lube oil, 37 (5) gallon grease, 11 (5) gallon paint general purpose, , 24 containers “anti fouling” paint, 4 (5) gallon containers ethylene glycol, 5 gallon mineral spirits, 12 pints “Clayton Film Rinse Additive” and 64 gallons chlorinated alkyd resin (recovered discrepancy/shipping documentation marked "Naval Submarine Base New London, Groton, Connecticut")	Hazardous	10/15/01
FN9- T33- Q	NA	“Polychrome” machine, shelving, fans, hydraulic press, Miscellaneous junk	NA	10/15/01
FN9- T34- Q	NA	Miscellaneous junk, sleds, furniture	NA	10/15/01
FN9- T35- Q	NA	Miscellaneous junk, shelves, chairs	NA	10/15/01
FN9- T36- Q	NA	Sockets, military “mickey mouse boots”, skis, bowling pins, military cloths, couches	NA	10/16/01
FN9- 1	10-17-01	(1) ½ full 55-gallon open-top drum, sealed, leaking solvent odor	Unknown	10/15/01 & 10/17/01
FN9- 2	11-15-01	(1) full 55-gallon closed-top drum, sealed benzene and other listed materials	Unknown	10/15/01 & 10/17/01
FN9- 3	10-17-01	(1) 55-gallon closed-top drum, on it’s side and leaking/draining VOCs	Unknown	10/15/01 & 10/17/01
FN9- 4	11-15-01	(1) full 55-gallon closed-top drum, sealed	Unknown	10/15/01 &

Location			Removed or Sampled	Comment	Product	Date
						10/17/01
FN9-	5		11-15-01	(1) severely rusted 55-gallon closed-top drum, bulging and weeping water with sheen	Unknown	10/15/01 10/17/01
FN9-	6		10-18-01	(1) severely rusted 55-gallon closed-top drum, bulging and weeping oil	Unknown	10/15/01 & 10/17/01
FN9-	7		R	(1) 5-gallon pail ½ water	Unknown	10/15/01 & 10/17/01
FN9-	8		11-15-01	(1) black plastic 20-gallon drum, sealed with ~1 gallon of liquid in it, marked with DOT "Corrosive" label (MDEP mistakenly mis-marked as "FN9 D8")	Unknown	10/15/01
FN9-	9		R	(1) 15-gallon container of liquid	Unknown	10/15/01
FN9-	T37			(>36) 5-gallon pails of epoxy polyamide paint; (>8) 1-gallon pails of paint marked "Flash point 73º F"	Hazardous	10/17/01
FN9-	10			(1) White plastic 55-gallon closed-top drum, ½ full, severely cracked and leaking, oily, leaking, 2'-diameter stain on ground	Unknown	10/17/01
FN9-	11		10-18-01	(1) leaking Green and yellow 55-gallon drum containing ~30 gallons, hydraulic fluid, severely stained oily soil all around drum	Petroleum	10/17/01
FN9-	12	(3)	10/24/01	(3) 55-gallon open-top drums, in bins under tarp, leaking Waste Oil	Petroleum	10/19/01
FN10-	1			(2) Pallets of (~30)batteries (some cracked and leaking)	Hazardous	10/15/01
FN10-	T1-	Q	NA	Compressed gas cylinders	NA	10/15/01
FN10-	T2-	Q	NA	Tires	NA	10/15/01
FN10-	T3-	Q	NA	Miscellaneous junk, (6-8 boxes) fluorescent bulbs	NA	10/15/01
FN10-	2		11/21/01	Black 55-gallon plastic drum buried under tires; contained "Concrete Remover" pH ~2.5-3.	Unknown	10/15/01
FN10-	3		10/24/01	(1) 5-gallon black pail w/ a DOT "Flammable Liquid" label	Unknown	10/15/01
FN10-	4		11-9-01	(1) 55-gallon full, black, plastic drum	Unknown	10/15/01
FN10-	T4-	Q	NA	Furniture	NA	10/15/01
FN10-	T5-	Q	NA	Furniture from Paris Manufacturing	NA	10/15/01
FN10-	5		11/19/01	(1) metal 55-gallon sealed closed-top drum, oozing thick, oily substance from it's bungs	Petroleum	10/15/01
FN10-	T6-	Q	NA	Machining tools, Shelving, furniture, military electronics	NA	10/15/01
FN10-	6		S	Large 250-pound propane cylinder converted to hold liquid, containing ~30-50 gallons of liquid (pegged the PID, suspected solvents or old gasoline)	Unknown	10/15/01
FN10-	T7-	Q	NA	Helmets, brooms, miscellaneous junk	NA	10/15/01
FN10-	T8			Couldn't see into back of trailer, have to move stuff out of the way; Checked 11/19/01 contained hundreds of containers leaking severely , some marked "Hazardous Waste"	Unknown	10/15/01
FN10-	7		11/21/01	(1) black metal 5-gallon pail, sitting beside the road	Hazardous	10/16/01
FN10-	8	(2)		(1) green 3'-square transformer and (1) 3'-square voltage regulator	Hazardous	10/17/01
FN10-	9			(3) 2½'-square transformers (a bank of transformers)	Hazardous	10/17/01
FN10-	10	(3)	11-8-01	(2) blue plastic 55-gallon closed-top drums (one containing ~20 gallons, one full); (1) rusted black metal 55-gallon drum; all sitting on Northeast corner of the 4-corner intersection	Unknown	10/17/01 & 10/19/01

Location			Removed or Sampled	Comment	Product	Date
FN11-	1		11-16-01	(1) Sealed, full, Oily 55-gallon drum with pin holes in it's top	Petroleum	10/15/01
FN11-	T1-	Q	NA	Fans, lamps, appliances, furniture	NA	10/15/01
FN11-	T2-	Q	NA	Work-type trailer, furniture, empty flammable liquids cabinet, Miscellaneous junk	NA	10/15/01
FN11-	2			(1) Red and white 55-gallon drum	Unknown	10/15/01
FN11-	3			Red and black plastic 55-gallon drums	Unknown	10/15/01
FN11-	4			Portable Dry cleaning unit (4 internal tanks) on wheels	Hazardous	10/15/01
FN11-	T3-	Q	NA	(Red trailer) nuts and bolts, junk	NA	10/15/01
FN11-	5		10/19/01	metal cabinet w/ 1' square DOT Y-rated cardboard box market "Potassium Cyanide/ Lead Nitrate Mixture"; 1 quart of potassium cyanide and 1 quart of lead nitrate.	Hazardous	10/15/01 & 10/16/01
FN11-	6		11-15-01	(1) black, full, 55-gallon drum	Unknown	10/15/01
FN11-	7			Green metal container with scrap cast iron piled in front of it, couldn't get in	Unknown	10/15/01
FN11-	T4			(~9) blue 55-gallon drums, (1) 30-gallon drum marked "Ferrous Fluoroborate", (12-15) 50-pound bags of solid material "Kaocrete B", etc.(stuff discharging to ground, out of trailer)	Unknown	10/15/01
FN12-	1	Q	NA	Drum next to large pipe in the ground has tops for cylinders	NA	10/15/01
FN12-	2			Road painter/line painting machine	Hazardous	10/15/01
FN12-	3	(6)		"TRA Bank No. 6, Flask No. 10", "Caution Contains Nitrogen", Purchase Order Contact N00102-87-0-0113 (recovered material shipping tag)	Unknown	10/15/01
FN12-	R1-	Q	NA	Furniture	NA	10/15/01
FN12-	T1-	Q	NA	Furniture, junk	NA	10/15/01
FN12-	T2-	Q	NA	Furniture	NA	10/15/01
FN12-	T3-	Q	NA	Furniture and washing machines	NA	10/15/01
FN12-	4			(~63) red plastic drums	Unknown	10/15/01
FN12-	T4-	Q	NA	Beds/furniture	NA	10/15/01
FN12-	5		look MT	(~20) 55-gallon red, blue and black plastic drums	Unknown	10/15/01
FN12-	6	(2)		55 gallon black drums, full	Unknown	10/15/01
FN12-	7	(2)	R	5 gallon grey pails, full	Unknown	10/15/01
FN12-	T5-	Q	NA	Junk, furniture	NA	10/15/01
FN12-	T6-	Q	NA	Appliances, welder, Miscellaneous junk	NA	10/15/01
FN12-	T7-	Q	NA	Miscellaneous junk	NA	10/15/01
FN12-	8	(2)		85 gallon yellow metal drums, one marked ".4MM" and the other marked "0.5 Cal"	Unknown	10/15/01
FN12-	9	(15)		One pallet of (15) Large lead batteries, cracked and leaking	Hazardous	10/15/01
FN12-	10			(~200) small (some cracked and leaking) lead acid batteries on a pallet	Hazardous	10/15/01
FN12-	11			Small transformer	Hazardous	10/15/01
FN12	12			pesticide sprayer; CH opened and became dizzy; has product		
FN12	13	(4)	NA	85-gallon overpacks. 3 MT one with brass casings	NA	
FN13-	T1			(1) 275-gallon sealed fuel tank	Petroleum	10/15/01
FN13-	T2			(roll-off) ~7-10 red plastic 55 gallon drums	Unknown	10/15/01
FN13-	T3			Full of cylinders	NA	10/15/01
FN13-	T4-	Q	NA	Furniture	NA	10/15/01
FN13-	T5-	Q	NA	Furniture, boxes of envelopes, crow bars, tires, 5lb. oxygen cylinder, (6) HID Lamps	NA	10/15/01
FN13-	T6-	Q	NA	Military office furniture, stainless steel 20-gallon milk	NA	10/15/01

Location			Removed or Sampled	Comment	Product	Date
				containers		
FN13-	T7-	Q	NA	File cabinets	NA	10/15/01
FN13-	T8-	Q	NA	Cylinders	NA	10/15/01
FN13-	T9-	Q	NA	Ranges	NA	10/15/01
GN9-	T1	Q	NA	Big lathe, mattresses, oxy-acetylene carts, miscellaneous junk (pallet of zinc ingots/plates beside trailer)	NA	10/15/01
GN9-	T2-	Q	NA	Tires	NA	10/17/01
GN9-	T3-	Q	NA	Military clothes and white goods	NA	10/17/01
GN9-	T4			Couldn't open, roll door	Unknown	10/17/01
GN9-	1			Black beauty on the ground (leaking from nose of GN9-T3-Q)	Hazardous	10/17/01
GN9-	T5			(>16) Military-green 5-gallon grease pails; (>100) 12-ounce aerosol cans; (>3) white 5-gallon fluid film (for wire/cable); (>2) 1-gallon containers of sulfuric acid; (>12) containers (in boxes/cases) of thinner, synthetic resin; brand new tires (Brian B. = Photo #4); (oily stain outside trailer XRF=100ppm Lead)	Hazardous	10/18/01
GN10-	T1-	Q	NA	Bed frames, helmets, miscellaneous junk	NA	10/17/01
GN10-	1	(3)		(3) fullish sealed black 55-gallon drums, bulging and weeping	Unknown	10/17/01
GN10-	2			(1) blue plastic 30-gallon drum, ½ full, marked with DOT "corrosive" label and "Wide Spectrum Microbicide"	Hazardous	10/17/01
GN10-	T2-	Q	NA	Tires, cylinders, miscellaneous junk	NA	10/17/01
GN10-	T3-	Q	NA	Tires and insulation	NA	10/17/01
GN10-	3			(1) ~200-pound cylinder marked "Bromochloro difluoromethane (or ethane)"	Hazardous	10/17/01
GN10-	4	(4)		(1) rusty 2'-square transformer; (3) blue 2'-square transformers	Hazardous	10/17/01
GN10-	T4			(20 to 24) 4'-square bins of bagged creosote (or coal tar) contaminated insulation and debris; (~7) 5-gallon pails of speedy-dry contaminated with creosote (or coal tar)	Hazardous	10/17/01
GN10-	5	(4)		(4) black 55-gallon open-top drums, sealed, very heavymetal grindings or shot	Unknown	10/17/01
GN10-	T5-	Q	NA	ranges/white goods and a couch	NA	10/17/01
GN10-	T6-	Q	NA	Tires	NA	10/17/01
GN10-	6		11/19/01	(1) 55-gallon sealed, rusted drum, not leaking *yet*	Unknown	10/17/01
GN10-	T7-	Q	NA	Chairs and desks	NA	10/17/01
GN10-	8		11/20/01	A crushed white 55 gallon drum containing ~10 gallons of oil	Petroleum	11/20/01